

EXHIBIT "A"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brackett N. L., et al.

Confirmation No: 6890

Application No.: 10/748,637

Examiner: SCHUBERG, L. J.

Date Filed: December 30, 2003

Group: 1651

For: INCREASING SPERM MOTILITY

37 C.F.R. 1.132 DECLARATION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I, Dana Ohl, M.D., declare as follows:

1. I am a colleague of Drs Brackett and Lynne (hereinafter "the Applicants"). I am very familiar with the work of the one of the named inventors and am familiar with patent application No. 10/748,637 entitled "INCREASING SPERM MOTILITY" (hereafter the '637 application) and the subject matter described therein.

2. I hold an M.D. degree and am presently employed as Professor of Urology, Department of Urology, at the University of Michigan. As detailed in the attached Curriculum Vitae, I have significant expertise in the field of urology, and particularly in the field discussed in the patent, that of infertility in spinal cord injured men. I am the director of the spinal cord fertility program at the University of Michigan.

(WP372141:1)

3. I have authored 97 scientific articles and book chapters, with the vast majority of those related to sexual dysfunction and infertility, particularly in spinal cord injured males (please see attached CV).

4. I have reviewed the Office Action dated November 29, 2006 and references cited therein. I have been asked by patent counsel Zachariades to provide an explanation based on the claimed invention showing that the subject matter of the claims differs from the cited art. Independent claim 1 is copied below.

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Claim 1. A method of increasing motility of sperm, the method comprising the steps of:

a) providing from a subject a biological sample comprising sperm and at least one cytokine; and

b) contacting the biological sample with an agent that inactivates or reduces the biological activity of the at least one cytokine selected from the group consisting of TNF $\alpha$ , IL1 $\beta$ , and IL6.

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5. I will briefly discuss the '637 application for which the Office Action has been issued.

The invention is directed, in part, to method of increasing motility of sperm, by providing from a subject a biological sample comprising sperm and at least one cytokine; and contacting

(WP372141:1)

RULE 132 DECLARATION

In re Application of: Brackett N. L., et al.

Confirmation No: 6890

Application No.: 10/748,637

Page - 3 -

the biological sample, in-vitro, with an agent that inactivates or reduces the biological activity of the at least one cytokine selected from the group consisting of TNF $\alpha$ , IL1 $\beta$ , and IL6, with the hope that such intervention will result in an improved sperm specimen that will increase the likelihood that fertility will improve.

6. I respectfully disagree with the Examiner's assertions that either Alexander *et al.* (US 6,180,355 B1); Gruschwitz *et al.* (*Journal of Andrology* 1996); Angelopoulos *et al.* (*Fertility and Sterility* 1999); Basu *et al.* (*Journal of Andrology* 2002); Brackett *et al.* (*Physical Therapy* 1996) or Gerris (*European Society of Human Reproduction and Embryology* 1999) teach or disclose the instant invention either when these references taken alone or in combination.

7. The Alexander *et al.* (US 6,180,355 B1) reference describes the use of cytokines found in the seminal plasma as indicators or confirmatory indicators of CPPS (Chronic Pelvic Pain Syndrome) or syndromes like CPPS such as chronic abacterial prostatitis. The cytokines in this disease state are diagnostic markers rather than symptom or pathology causing elements. There is no mention of use for assessing or treating sperm motility. Although Alexander showed that by treating the disease state systemically with various agents, the symptoms of the CPPS are helped and the levels and marker cytokines in the seminal plasma are reduced, the treatment possibilities outlined in the patent are vastly different than the application of Brackett. Alexander discusses systemic therapy, which is the only possible way to help CPPS patients. For infertility purposes, the in-vitro treatment of biological specimens is essential, as this allows great leeway in dosages for treatment, and completely avoids toxicity that may be associated

(WP372141:1)

RULE 132 DECLARATION

In re Application of: Brackett N. L., et al.

Confirmation No: 6890

Application No.: 10/748,637

Page - 4 -

with systemic treatments. Furthermore, the Alexander patent and the current application are addressing two completely different clinical entities. In my reading of the patent, Alexander never mentions sperm motility. Therefore, I do not find the information in this patent to obviously lead to the instant invention which identifies cytokines in seminal plasma as a cause of low sperm motility and which shows that treating these cytokines in vitro can improve sperm motility.

8. Gruschwitz et al (*Journal of Andrology* 1996) describes an association between genitourinary tract infections, elevated semen cytokines, and sperm motility. The authors of the Gruschwitz paper are among many authors who have studied cytokines in the seminal plasma. The different studies have found different results. The Examiner has confused correlation with causation. Correlation does not imply causation, and this well-known scientific trap is not an indication of obviousness to the scientist. Simply put, the co-existence of elevated cytokines with low sperm motility does not mean the cytokines *caused* the low sperm motility. The Gruschwitz paper does not lead one skilled in the art to the instant invention. I would suggest to the reviewers, that if it was obvious to one skilled in the art that this application should follow the paper of Gruschwitz, et al, some such person should have brought forward this application in the 10 years since the paper was published. However, no such application has been suggested, until the current application. The Applicants addressed the causative role of cytokines in the seminal plasma by showing that neutralizing these cytokines improved sperm motility in their group of subjects.

[WP372141.1]

RULE 132 DECLARATION

In re Application of: Brackett N. L., et al.

Confirmation No: 6890

Application No.: 10/748,637

Page - 5 -

9. Angelopoulos et al (*Fertility and Sterility* 1999) describes different techniques of culturing testicular tissue and the subsequent effects on sperm motility. One reasonably skilled in the art would recognize that it is a normal phenomenon (i.e., a physiologic event) to observe few motile sperm in harvested testicular tissue. In-vitro tissue culture may improve the motility of sperm retrieved from harvested testicular tissue. The findings of the Angelopoulos paper do not obviously lead to the conclusion that, in a pathologic state, cytokines in the seminal plasma cause poor motility in sperm or that treating these cytokines in vitro will improve sperm motility.

10. The study by Basu et al (*Journal of Andrology* 2002) characterized white blood cell populations in the seminal plasma of men with spinal cord injury. The discussion section of this paper speculates on a variety of substances, including cytokines, which may impair sperm motility in men with spinal cord injury. One skilled in the art would not automatically assume from this paper that manipulation of cytokines would lead to improved sperm motility in men with spinal cord injury any more than manipulation of several hundred other semen-related substances known to affect human sperm motility.

11. Similar to the argument in item 10 (above), the Brackett et al (Physical Therapy 1996) paper is a review paper that speculates on a variety of factors that may contribute to low sperm motility in men with spinal cord injury. Semen-related factors are discussed in a general sense, along with a variety of other factors including hormone abnormalities, infrequency of

{WP372141;1}

RULE 132 DECLARATION

In re Application of: Brackett N. L., et al.

Confirmation No: 6890

Application No.: 10/748,637

Page - 6 -

ejaculation, bladder infections, scrotal temperature, etc. Cytokines are not discussed whatsoever in this paper. As in item 10, one skilled in the art would not automatically assume from this paper that manipulation of semen cytokines in men with spinal cord injury would lead to improved sperm motility.

12. Gerris (*European Society of Human Reproduction and Embryology* 1999), in a review article, reminds us that sperm deposited in the vagina during intercourse may not be available for other use. Sperm retrieved from the vagina have limited application, and there is no evidence that these sperm are a good alternative to sperm produced during masturbation. In fact, the vagina offers a hostile environment to sperm, i.e., the normal vaginal pH is acidic and provides an unhealthy environment to sperm. Because the cytokines being treated interact with the sperm in the seminal plasma, there seems to be no more obviousness to retrieving sperm from the vagina for in-vitro treatment than retrieving sperm from a specimen cup or a condom designed for sperm retrieval.

13. I further state that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with my knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

{WP372141;1}

RULE 132 DECLARATION

In re Application of: Brackett N. L., et al.

Confirmation No: 6890

Application No.: 10/748,637

Page - 7 -



Dana Ohi, M.D.

3/20/07  
Date

(WP872141;1)

P, 07

FAX NO.

MAR-20-2007 TUE 04:13 PM

## CURRICULUM VITAE

### PERSONAL DATA

Name: Dana Alan Ohl

### EDUCATION

9/73-6/76 Waverly High School, Lansing, Michigan  
9/76-12/79 University of Michigan, Ann Arbor, Michigan;  
B.S., Biomedical Sciences  
9/78-6/82 University of Michigan Medical School, Ann Arbor,  
Michigan; M.D.

### POST-DOCTORAL TRAINING

7/82-6/83 Barnes Hospital, St. Louis, Missouri  
Surgery Internship  
7/83-6/84 University of Michigan Hospitals, Ann Arbor, Michigan  
General Surgery Residency  
7/84-6/87 University of Michigan Hospitals, Ann Arbor, Michigan  
Urology Residency

### ACADEMIC APPOINTMENTS

7/87-9/90 Instructor, Department of Surgery, Section of Urology,  
University of Michigan Medical School, Ann Arbor,  
Michigan  
7/87-present Director of Electroejaculation Research Program,  
Department of Surgery, Section of Urology, University  
of Michigan Medical School, Ann Arbor, Michigan



9/90-9/95	Assistant Professor, Department of Surgery, Section of Urology, University of Michigan Medical School, Ann Arbor, Michigan
9/95-9/01	Associate Professor (with tenure), Department of Surgery, Section of Urology, University of Michigan Medical School, Ann Arbor, Michigan
9/97-present	Adjunct Associate Professor, Department of Urology, Medical College of Ohio, Toledo, Ohio
9/98-present	Head, Division of Andrology and Microsurgery, University of Michigan Department of Urology
9/01-9/03	Associate Professor (with tenure), Department of Urology, University of Michigan Medical School, Ann Arbor, Michigan
9/03-present	Professor (with tenure), Department of Urology, University of Michigan Medical School, Ann Arbor, Michigan

CLINICAL/HOSPITAL APPOINTMENTS

7/84-6/85	Emergency Physician Beyer Memorial Hospital, Ypsilanti, Michigan
7/85-6/87	Emergency Physician W. A. Foote Memorial Hospital, Jackson, Michigan
7/87-6/93	Attending Urologist Veterans Administration Hospital, Ann Arbor, Michigan
7/89-6/93	Attending Urologist Saline Community Hospital, Saline, Michigan
7/87-present	Attending Urologist University of Michigan Hospitals, Ann Arbor, Michigan
7/94-present	Attending Urologist Chelsea Community Hospital, Chelsea, Michigan
7/94-6/01	Laser Safety Officer, Section of Urology University of Michigan Hospitals, Ann Arbor, Michigan

7/99-present

Consultant Urologist  
Veterans Administration Hospital, Ann Arbor,  
Michigan

7/02-present

Medical Director, Gamete Cryopreservation Laboratory  
University of Michigan Hospitals, Ann Arbor

CONSULTING POSITIONS

November 21, 1994

External Reviewer of Male Fertility Research Program  
Miami Project to Cure Paralysis, University of Miami  
School of Medicine

1995-1998

Testoderm® Advisory Board, Alza Pharmaceuticals

1995-96

Androderm® Advisory Board, Smith-Kline

1998

MUSE® Physician Advisory Board, VIVUS

2000-present

Viagra National Physician Advisory Board, Pfizer

2001-present

National Physician Advisory Board, American Medical  
Systems

2001-present

National Physician Advisory Board, Mentor Corporation

2002-present

Viagra Grant Program Consultant, Pfizer

2002-present

Vardenafil National Physician Advisory Board, Bayer/GSK

2002-present

Cialis National Physician Advisory Board, Lilly/ICOS

November 21-22, 2003

Co-Director, Viagra Regional Physician Advisory Board,  
Pfizer

February 20-21, 2004

Co-Director, Viagra Regional Physician Advisory Board,  
Pfizer

January 19, 2005

Faculty, Schering Levitra Sales Force training,  
GSK/Schering-Plough

February 5, 2004

Co-Director, Viagra Regional Physician Advisory Board,  
Pfizer

March 23, 2005

Medical Futures Forum & Urology Visiting Professor  
Program, Pfizer

April 4-5, 2005	Levitra Strategic Advisory Council, GSK/Shering
September 15-17, 2005	Sexual Medicine Fellowship Program, Pfizer
September 19-20, 2005	Lobbyist, Coalition for the Advancement of Prosthetic Urology, Washington, DC
November 4-5, 2005	Levitra Strategic Advisory Council, GSK/Shering, New York, NY
January 27-28, 2006	Viagra National Advisory Board, New York, NY
March 22-23, 2006	Medical Futures Forum, Urology Visiting Professor Grant Program and Sexual Medicine Fellowship Grant Program, Pfizer, New York, NY
July 20, 2006	Consulting Sales Force Educator, Solvay Pharmaceuticals, Baltimore, MD
August 18-19, 2006	Advisory Board—Effects of Tadalafil on Sperm, Lilly-ICOS, Chicago, IL
October 20-21, 2006	Levitra Strategic Advisory Council, GSK/Shering, Phoenix, AZ
October 27-28, 2006	Viagra National Advisory Board, New York, NY
November 2-4, 2006	Board of Directors/Advisory Board Meeting, Urologic Health Foundation, Las Vegas, NV

## SCIENTIFIC ACTIVITIES

### Ad Hoc Journal Reviewer:

1992-present	Fertility and Sterility
1993-present	Urology
1993-present	Journal of Andrology
1994-present	Journal of Urology
1998	The Medical Letter
2000	The Physician and Sports Medicine
2001-present	Lancet

Grant Reviewer:

1994-2000	Department of Surgery Internal Grant Program
2002-2005	Pfizer, Viagra Grant Program
2001-present	Urology Research Advisory Board Grant Program
2004-present	Pfizer, Urology Visiting Professor Program
2005-present	Pfizer, Sexual Medicine Fellowship Program

GRANT SUPPORT

## Previous:

Eastern Paralyzed Veterans Association  
“Electroejaculation of spinal cord injured males with emphasis on improving fertility and increasing pregnancy rates.”

Principal Investigator: Dana A. Ohl

8/1/88-8/1/89

(\$36,037)

Mission Pharmacal Company  
“Vacuum Erection Device in spinal cord injured males.”

Principal Investigator: Dana A. Ohl

1/1/90-7/1/90

(\$6,497)

Spinal Cord Research Foundation  
“Vas deferens motility and sperm storage function in the rabbit including the effects of varying periods of sexual rest, spinal cord injury, sympathectomy, and electroejaculation.”

Principal Investigator: Dana A. Ohl

7/1/90-7/1/91

(\$32, 000)

Upjohn Corporation  
“Topical minoxidil in the treatment of patients with organic impotence and diabetes mellitus.”

Principal Investigator: Dana A. Ohl

4/1/93-12/31/93

(\$39,389)

Glaxo Corporation

"A double-blind, placebo-controlled study to determine the efficacy and safety of fluparoxan in the treatment of secondary (acquired) male erectile disorder."

Principal Investigator: Dana A. Ohl

4/1/93-12/31/93

(\$101,117)

Upjohn Corporation

"Phase II trial of topical minoxidil in the treatment of erectile dysfunction in men with and without diabetes mellitus."

Principal Investigator: Dana A. Ohl

9/14/93-7/1/94

(\$73,933)

University of Michigan Department of Surgery

"Development of an Animal Model of SCI Male Fertility."

Principal Investigator: Dana A. Ohl

7/1/95-7/1/96

(\$22,258)

U.S. PHS, National Institutes of Health

"Ultrasonic generation and use of microbubbles for urologic diagnosis."

Co-Investigator

PI: Paul L. Carson

1/1/94-12/31/96

(462, 878)

Pfizer, Inc.

"A double-blind, randomized, placebo-controlled, parallel group, fixed-dose, multicenter study to assess the efficacy and safety of UK-92,480 administered over six months to male patients with erectile dysfunction."

Principal Investigator: Dana A. Ohl

1/1/96-12/1/96

(\$36,118)

University of Michigan Department of Surgery

"Development of a canine model of SCI male fertility."

Principal Investigator: Dana A. Ohl

6/1/96-7/1/97

(\$17,732)

Smith-Kline Pharmaceuticals

"A 5-month, double-blind, placebo-controlled, randomized, multicenter, crossover study of the effects and safety of

testosterone transdermal system (TTD system) in men presenting with sexual dysfunction and serum testosterone levels less than or equal to 350 ng/dl.”

Principal Investigator: Dana A. Ohl

7/1/96-6/1/97

(\$46,790)

NIH/Baylor College of Medicine (subcontract)

“Correlates of fertility in SCI men.”

Principal Investigator: Dana A. Ohl (Michigan site)

Dolores Lamb, Ph.D., Baylor, PI

12/1/96-11/13/98

(\$74,740)

American Medical Systems (Pfizer, Inc.)

“Penile prosthesis tracking for long-term results.”

Principal Investigator: Dana A. Ohl

6/1/96-7/1/97

(\$5000)

Vivus Corporation

“Post-marketing study of MUSE for erectile disorder.”

Principal Investigator: Dana A. Ohl

5/1/98-9/1/98

(\$5000)

Pfizer, Inc.

“An open, non-comparative study to assess the long-term safety of sildenafil in patients with erectile dysfunction.”

Principal Investigator: Dana A. Ohl

12/1/96-1/1/00

(\$37,237)

University of Michigan Medical School Clinical Research Partnership Fund

“Post-ejaculation hyperemia: Potential methods for improving the sonographic detection of prostate carcinoma.”

Co-investigator

PI—Ronald O. Bude

4/1/98-4/30/00

(\$97,290)

Schering Corporation

“A six-month open-label trial of Vasomax (oral phentolamine) 40/80 mg) for patients with mild to moderate erectile dysfunction.”

Principal Investigator: Dana A. Ohl  
(\$15,000)

Schering Corporation  
"An open-label trial of Vasomax (oral phentolamine) in SCI patients with mild to moderate erectile dysfunction."  
Principal Investigator: Dana A. Ohl  
(\$10,000)

TAP Pharmaceuticals  
"A phase III at-home study evaluating the efficacy and safety of escalating doses of Uprima SL 2, 3 and 4 mg in the treatment of patients with erectile disorder."  
Principal Investigator: Dana A. Ohl  
(\$17,500)

Pfizer  
"A Multicenter, Double-Blind, Placebo-Controlled Flexible Dose Study to Evaluate the Efficacy and Safety of Viagra in Women Who Have Female Sexual Arousal Disorder Resulting from a Traumatic Spinal Cord Injury"  
Principal Investigator: Dana A. Ohl  
1/23/03-12/31/03  
(\$52,336)

Bayer (Ohl)  
"A randomized, double-blind, placebo controlled, parallel arm, multicenter trial assessing the effect of daily treatment of vardenafil 20mg of sildenafilafil 100 mg compared to placebo"  
Clinical testing on spermatogenesis, mean sperm concentration, sperm count, morphology, motility and reproductive hormones in healthy males or males with mild erectile dysfunction  
Principal Investigator: Dana A. Ohl  
5/1/05- 6/30/06

American Medical Systems  
"A feasibility study of transcutaneous mechanical nerve stimulation (TMNS) for the treatment of stress urinary incontinence (SUI) in women"  
This is a study examining the effects of external vibration in treating SUI in able-bodied women.  
Principal Investigator: Dana A. Ohl  
1/1/06-1/1/07

American Medical Systems

"A multi-center study to assess the AMS IPP 2005 inflatable penile prosthesis cylinders, pump, and reservoir"  
Clinical testing of a new penile prosthesis design.  
Principal Investigator: Dana A. Ohl  
1/1/06-1/1/07

#### CERTIFICATIONS AND LICENSURE

1983-present	Diplomat, National Board of Medical Examiners
1984-present	State of Michigan, Medical License #4301046981
1989-present	Diplomat, American Board of Urology
1997-present	Recertified, American Board of Urology

#### MILITARY SERVICE

None

#### HONORS AND AWARDS

June 1984	Bronze Beeper Award (for excellence in teaching medical students), Galen's Medical Society, University of Michigan
January 19-23, 1994	Visiting Professor, Department of Urology University of Copenhagen
July, 1995	Nominated for 1996 Young Andrologist Award American Society of Andrology
July, 1996	Nominated for 1997 Young Andrologist Award American Society of Andrology
November 20-21, 1996	Visiting Professor, Department of Urology Medical College of Ohio, Toledo, OH
July, 1997	Nominated for 1998 Young Andrologist Award American Society of Andrology



May 30, 1998	Elected Treasurer Society for the Study of Male Reproduction (Affiliate of American Urological Association)
June 2, 1998	“Best Posters of 1998 American Urological Association Meeting” Digital Urology Journal
September 1998	Elected to the Board of Directors, Society for Male Reproduction and Urology (Affiliate of the American Society for Reproductive Medicine)
February 1-4, 1999	Visiting Professor, Department of Urology University of Copenhagen
March 12-14, 1999	Visiting Professor, Department of Andrology, Brazilian Urological Society, Fortaleza, Brasil
June 18, 1999	Visiting Professor, Department of Urology University of Copenhagen
June 19, 1999	Invited Keynote Speaker, Annual Meeting of the International Medical Society of Paraplegia, Copenhagen, Denmark
October 8-9, 1999	Visiting Professor, Latin American Society for the Study of Impotence, Acapulco, Mexico
November 12-14	Visiting Professor, Danish Urological Society
May 11-13, 2000	Visiting Professor, Albert Einstein Jewish Hospital, São Paulo, Brasil
May 25, 2000	Visiting Professor, University of Kansas Medical Center, Department of Urology
December 11, 2000	Visiting Professor, University of Miami/Miami Project to Cure Paralysis, Department of Urology
May 15, 2002	TAMS Award (Token of Appreciation from Medical Students) University of Michigan Medical School
May 20, 2002	“YOU’RE SUPER!” Award for hospital service
January 6, 2003	2002 Literary Excellence Award, <u>Urological Nursing</u>
March 2004	Nominated for Board of Directors, American Society of Andrology

March 5-7, 2004	Visiting Professor and Judge of Resident Essay Competition, Louisiana Urological Society
March 16-18, 2004	Visiting Professor, Herlev Hospital, University of Copenhagen, Copenhagen, Denmark
March 19, 2004	Invited Keynote Speaker, Danish Urological Society, Copenhagen, Denmark
January 19, 2005	Invited Lecturer, Tulane University Department of Urology, New Orleans, LA.

#### MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

1987-present	Reed M. Nesbit Urological Society
1987-present	Michigan Peer Review Organization
1987-present	American Society for Reproductive Medicine (formerly the American Fertility Society)
1992-1996	<b>Chair</b> , Electroejaculation Registry Subcommittee, American Fertility Society
1988-present	American Medical Association
1988-present	Michigan State Medical Society
1988-present	Washtenaw County Medical Society
1990-present	American Society of Andrology
1991-present	North Central Section, American Urological Association
1991-present	American Urological Association
1993-present	Society for the Study of Male Reproduction (charter member)
1994-present	Michigan Urologic Society
1995-present	New York Academy of Sciences
1996-present	International Medical Society of Paraplegia

1996-2000	<b>Board of Directors</b> , Reed M. Nesbit Urological Society
1997-present	American Academy of Anti-Aging Medicine
1997-present	Impotence World Association
1998-2000	<b>Treasurer</b> , Society for the Study of Male Reproduction
1998-2000	<b>Director-at-Large</b> , Society for Male Reproduction and Urology
1999-present	International Society of Impotence Research
1999-present	Sexual Medicine Society of North America
2000-2001	<b>Vice President</b> , Society for the Study of Male Reproduction
2000-present	Charter Member, Fertility Health Council, American Foundation for Urological Disease, American Urological Association
2001-2002	<b>President</b> , Society for the Study of Male Reproduction
2002-2004	<b>Board Member</b> , Society for the Study of Male Reproduction
2002-present	<b>Board of Directors</b> , Coalition for the Advancement of Prosthetic Urology
2004-present	Development Committee, American Society of Andrology
2005-present	<b>Executive Council</b> , American Society of Andrology
2006-present	<b>Board of Directors and Founding Member</b> , Urologic Health Foundation

## TEACHING ACTIVITIES

### International/National/Regional

October 31, 1988	Course Faculty, "Workshop on Fertility and Sexuality of the Spinal Cord Injured", Lyndhurst Hospital, Toronto, Ontario, Canada.
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May 16, 1989	Course Faculty, "Spinal Cord Expo", Mary Free Bed Hospital, Grand Rapids, MI.
November 12, 1989	Course Faculty, "1989 Male Infertility Post-Graduate Course," American Fertility Society, Montreal, Quebec, Canada.
July 25, 1992	Course Faculty, "Challenges in Spinal Cord Rehabilitation and Beyond", Good Samaritan Hospital, Cincinnati, OH..
May 10, 1993	Seminar Faculty, "Fertility in Spinal Cord Injury", American Spinal Injury Association, San Diego, CA.
September 8, 1993	Seminar Faculty, "Treatment of anejaculation in spinal cord injury patients", American Paraplegia Society Annual Conference, Las Vegas, NV.
October 14, 1993	Seminar Director and Course Faculty, "Current Treatment of Ejaculatory Dysfunction," American Fertility Society.
January 22, 1994	Course Faculty, "Symposium on Treatment of Ejaculatory Disorders," University of Copenhagen, Denmark.
March 4, 1994	Course Faculty, "1994 Post-Graduate Course," American Society of Andrology, Springfield IL.
July 21, 1995	Seminar Faculty, "New direction in Organ Procurement and Transplantation--The Second Annual Symposium Focusing on Organ/Tissue Donation and Recipient Care", Ann Arbor, MI.
September 13, 1995	Course Faculty, "Male Factor Infertility--Diagnosis and Treatment." St. John Hospital Continuing Medical Education Program, Detroit, MI.
September 22, 1995	Seminar Faculty, "Ethics and Economics of Spinal Cord Care: Wants and Wishes vs. Needs", Mary Free Bed Hospital, Grand Rapids, MI.
August 10, 1996	Surgical Faculty, "Partners in Urologic Surgery", Pharmedica, Ann Arbor, MI and Chicago, IL.
October 25, 1996	Panelist, "Anti-Aging Medicine, Public Forum" OHEP, Troy, MI.
October 26, 1996	Course Faculty, "Anti-Aging Medicine--Treating Male and Female Menopause," OHEP, Troy, MI.

April 13, 1998	Planner and Faculty Member, "Erectile Dysfunction Preceptorship", Pfizer, Ypsilanti, MI.
August 1, 1998	Course Faculty, "1 <sup>st</sup> International Prostate Cancer Symposium for the Patient", Ann Arbor, MI.
September 12, 1998	Symposium Participant, "Genetics in Clinical Practice—The Clinicians' View", University of Minnesota Department of Medical Genetics, Ann Arbor, MI site.
November 14, 1998	Course Faculty, "Diabetes Symposium, 1998" Lutheran General Hospital, Ft. Wayne, IN.
October 28, 1999	Lecturer, Providence Hospital Medical Staff Grand Rounds, Southfield, MI.
November 12-14, 1999	Course Planner and Lecturer, "Modern Andrology," Danish National Medical Society, Nyborg, Denmark.
December 1, 1999	Lecturer, Miami Valley Hospital Medical Grand Rounds, Dayton, OH.
March 18, 2000	Course Faculty, "Great Lakes Urology Conference", Troy, MI.
May 12-14, 2000	Course Faculty, Paulista Symposium on Infertility, São Paulo, Brasil.
October 23, 2000	Invited Lecturer, Society for the Study of Male Reproduction Travel Award Educational Program.
October 24, 2001	Podium session Moderator, American Society for Reproductive Medicine.
August 9, 2001	Lecturer, Mt. Carmel Hospital Grand Rounds and Internal Medicine Conference, Columbus OH.
October 6, 2001	Lecturer, Annual Meeting of the Michigan Academy of Physician Assistants, Mt. Pleasant, MI.
March 9, 2002	Course Faculty, 4 <sup>th</sup> Annual Great Lakes Urology Seminar, Detroit, MI.
May 4, 2002	Lecturer and Panelist, Pre-Meeting Course. Joint Meeting of the International Medical Society of Paraplegia and the American Spinal Injury Association, Vancouver, BC, Canada.

May 25, 2002	Course Planner and Moderator, Annual Scientific Meeting of the Society for the Study of Male Reproduction, Orlando, FL.
May 28, 2002	Panelist, Career Pathways Workshop, Traveling Fellowship Program of the Society for the Study of Male Reproduction, Orlando, FL
July 10, 2002	Lecturer, Michigan Osteopathic Urology CME Program, Bloomfield Hills, MI.
August 22, 2002	Lecturer, Providence Hospital Internal Medicine Grand Rounds, Southfield, MI.
September 14, 2002	Lecturer in CME Course, "Cardiovascular Disease Update" Genesys Hospital, Flint.
September 30, 2002	Poster Session Moderator, North Central Section of the American Urological Association, Chicago, IL
October 12-13, 2002	Course Director and Lecturer, "Male Reproductive Genetics and Toxicology—Nature and Nurture." Annual Post-Graduate Program of the American Society of Reproductive Medicine.
November 14, 2002	Course Director, "Optimizing Treatment of Male Sexual Dysfunction—Current Opportunities" (CME Program), AOI Communications, Novi, MI.
January 16, 2003	Invited Lecturer, Internal Medicine Grand Rounds, Medical College of Ohio.
April 4, 2003	Course Faculty, "Fertility in Men with Spinal Cord Injury" 29 <sup>th</sup> Annual Meeting of the American Spinal Injury Association, Miami, FL.
October 8, 2003	Invited Lecturer, Henry Ford Hospital Grand Rounds
October 12, 2003	Course Co-Director and Lecturer, "Immunology of Infertility—From Laboratory to Clinic" Annual Post-Graduate Program of the American Society of Reproductive Medicine.
October 13, 2003	Roundtable Faculty, American Society for Reproductive Medicine
March 18, 2004	Course Planner, Lecturer and Panel Discussant, "Andrology and Male Sexual Dysfunction" Herlev Hospital, University of Copenhagen, Copenhagen, Denmark

May 4, 2004	Course Planner, Lecturer, Live surgical demonstration, "Penile Prosthesis Implantation." Herlev Hospital, University of Copenhagen, Copenhagen, Denmark.
May 6, 2004	Advisor, PhD Thesis (defended 5/6/04), Line Læssøe "Spasticity and Bladder Activity in Spinal Cord Injured Men—Effect of Penile Vibratory Stimulation"
May 22, 2004	Panel Discussion, Levitra National Advisory Board, Bayer/GSK, Phoenix, AZ.
June 5, 2004	Lecturer and Panel Discussion, Levitra Eastern Region Advisory Board, Bayer/GSK, Washington, DC.
June 18, 2004	Lecturer, American Urological Association 2004 National Urology Review Course, Dallas TX.
September 11, 2004	Lecturer, Western Michigan Osteopathic Association Semi-Annual Course, Traverse City, MI.
October 2, 2004	Faculty, Annual Meeting of the American College of Physicians, Michigan Chapter, Traverse City, MI.
January 25, 2005	Invited Lecturer, St. John Hospital Grand Rounds, Detroit, MI.
February 11, 2005	Invited Lecturer, Battle Creek Health Systems Grand Rounds, Battle Creek, MI.
March 12, 2005	Course Faculty, 7 <sup>th</sup> Annual Great Lakes Urology Seminar, Troy, MI
June 12, 2005	Course Faculty, Annual Board Review, American Urological Association, Dallas TX
September 10, 2005	Podium Session Moderator, 79 <sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL
October 18, 2005	Video Session Moderator, Conjoined Meeting of the American Society for Reproductive Medicine and the Canadian Fertility and Andrology Society, Montreal, Ontario, Canada
October 18, 2005	Symposium Lecturer, Conjoined Meeting of the American Society for Reproductive Medicine and the Canadian Fertility and Andrology Society, Montreal, Ontario, Canada

October 21, 2005	Course Faculty, 31st Annual Endocrinology & Metabolism Update, Michigan State University, East Lansing, MI
December 15, 2005	Lecturer, Bi-County Hospital Urology Grand Rounds, Warren, MI
February 4-7, 2006	Course Faculty, Winter Urologic Forum, Steamboat Springs, CO
May 18, 2006	Lakeland Memorial Hospital Grand Rounds, St. Joseph, MI
July 23, 2006	Course Faculty, Annual Board Review, American Urological Association, Dallas TX
October 25, 2006	Video Session Moderator, American Society for Reproductive Medicine, New Orleans, LA
November 4, 2006	Panel Discussion, Sexual Medicine Society of North America, Las Vegas, NV
November 20, 2006	Faculty, Michigan State University Urology Residency Education Program, East Lansing, MI

#### University of Michigan/Local

1987-present	Have been continuously involved with resident and medical student teaching during clinics, surgeries, medical conferences in the Department and Hospital, and during ward rounds.
September 2, 1986	Emergency Medicine Teaching Conference "Diagnosis and management of ureteral stones."
January 14, 1987	Oral Surgery Teaching Conference, "Preoperative and postoperative urologic and nephrologic care."
September 19, 1987.	Department of Surgery Grand Rounds, "Ejaculatory dysfunction following retroperitoneal surgery."
October 30, 1987	Department of Surgery Research Conference, "Electroejaculation: the University of Michigan experience."
July 1987-2001	Core lecturer for Urology M3-M4 rotation.
1988-1991	Course Director, Electroejaculation Training Program.



June-September 1988	Student supervisor, Summer Student Research Program (Student--Karen Shelton).
January 18, 1988	Occupational Therapy Teaching Conference, "Electroejaculation of spinal cord injured males."
April 19, 1988.	Internal Medicine Conference, "The urologic management of stone disease."
June 14, 1988.	Family Practice Teaching Conference, "Prostatitis and epididymitis."
June 28, 1988.	Surgery Administration Meeting, "Electroejaculation at the University of Michigan."
September 29, 1989	Advances in Surgery , "Electroejaculation in the paraplegic."
June-September 1990	Student supervisor, Minority Student Research Program (Student--Christina Barosso).
June-September 1990	Student supervisor, Summer Student Research Program (Student--Christina Hinman).
June 15, 1991	Urology Grand Rounds, "Evaluation and treatment of male infertility."
September 5, 1991	Course Director, Lecturer, and Lab Instructor, Urologic Laparoscopy Training Course.
1990-1992	Lecturer, Inteflex 401 (Human Sexuality).
1990-1992	Lecturer, Human Sexuality Sequence of NBS 600.
May 2, 1992	Surgical Grand Rounds, "Fertility in spinal cord injured males."
November 3, 1992	Endocrinology and Metabolism Grand Rounds, "Male infertility and impotence."
June 18-19, 1993	Lecturer and Lab Instructor, Urologic Laparoscopy Course.
July 7-9, 1993	Course Faculty, "Alderase Preceptorship: Neuropathy and ARIs," University of Michigan Diabetes Research and Training Center.

July 31-August 1, 1993	Course Faculty, "Endocrinology and Diabetes Update, 1993," University of Michigan Diabetes Research and Training Center.
October 22, 1993	Seminar Coordinator and Lecturer, Seminars in Medicine Series (Human Sexuality), Component 3 of Medical School Curriculum.
Spring term, 1993	Sequence planner and lecturer, Human Reproduction Sequence, Component 2 curriculum.
October 29, 1993	Panel Participant, "Procreation without permission or whose genes are they anyway?: Electroejaculation of incompetent men", Society in Medicine Program.
February 3, 1994	Nephrology Grand Rounds, "Advances in male infertility and minimally invasive surgery and male infertility in renal failure."
Spring term, 1994	Sequence planner and lecturer, Human Reproduction Sequence, Component 2 curriculum.
1994-1995	Faculty instructor, Introduction to the patient--Component II curriculum "Genitorectal examination."
March 16, 1994	Course Faculty and Panel Member, "Family Practice, 1994: 18th Annual Spring Review."
March 13, 1994	Lecturer and moderator, "Controversies in Contemporary Urology", University of Michigan and William Beaumont Hospital Urology Departments.
October 1, 1994	Course Faculty, "Laparoscopic lymph node dissection Laparoscopy / Hysteroscopy Course. Department of Obstetrics and Gynecology.
December 4, 1995	Faculty, Genitourinary Pathology LaboratoryM2 core curriculum.
March 14, 1995	Endocrinology Grand Rounds, "Erectile dysfunction."
April 8, 1995	Surgery Grand Rounds, "Antisperm antibodies."
Spring term, 1995	Sequence planner and lecturer, Human Reproduction Sequence, Component 2 curriculum.
April 27, 1995	Course Faculty, "Diagnosis and management of impotence." 1995 Advances in Internal Medicine.

May 9, 1995	Inservice for Physical Medicine and Rehabilitation, "SCI Sexuality."
June 22, 1995	Physical Medicine and Rehabilitation Grand Rounds, "Fertility treatment in disabled patients."
August 6, 1995	Course Faculty, "Endocrinology and Diabetes Update 1995" (managing impotence--drug treatments or penile devices,) University of Michigan Endocrinology Division.
October 22, 1995	Course Faculty, "Penile prostheses--current status in 1995" in The Prostate--Its Diseases and Associated Conditions. Section of Urology/Continuing Education.
Spring term, 1995	Sequence planner and lecturer, Human Reproduction Sequence, Component 2 curriculum.
September-December 1995	Student Supervisor, Surgery 401 (Student--Deena Jacobs).
November 2, 1995	University Health Service Continuing Medical Education Program. "Diagnosis and Management of Impotence."
November 2, 1995	University of Michigan Prostate Cancer Survivor Group. "Sexual function following prostate cancer treatment."
February 20, 1996	Urologic Oncology Conference, "Fertility following treatment for testis cancer."
March 12, 1996	Faculty, Urology Journal Club.
March 14, 1996	Course Faculty, 20th Annual Family Practice Review Course, "Diagnosis and surgical management of impotence."
Spring term, 1996	Sequence planner and lecturer, Human Reproduction Sequence, Component 2 curriculum.
May 30, 1996	Physical Medicine and Rehabilitation Grand Rounds, "Sexuality in disabled patients."
June 6, 1996	Physical Medicine and Rehabilitation Grand Rounds, "Impotence treatment and disability."
June 27, 1996	Obstetrics and Gynecology Grand Rounds, "Fertility following cancer therapy."
September 18, 1996	Supervising Faculty, "Genitoretal examination" Introduction to the Patient (M2).

April, 1997	Sequence planner and lecturer, Human Reproduction Sequence, Component 2 curriculum.
August 9-10, 1997	Course Faculty and Panel Member, "Endocrinology and Diabetes Update, 1997," University of Michigan Division of Endocrinology and Metabolism, (New Treatment for the Hypogonadal Male and Management of Erectile Dysfunction in NIDDM).
Fall Term, 1997	Supervising Faculty, "Male GU and prostate Examination," Introduction to the Patient (M2).
January 6 , 1998	Endocrinology Grand Rounds "Male infertility."
January 29, 1998	University Health Service Grand Rounds, "Recent advances in the treatment of male erectile dysfunction."
January 30, 1998	Endocrinology Fellow Teaching Conference, Internal Medicine/Endocrinology, "Male Infertility."
February 10, 1998	GU Oncology Conference, "Fertility after testis cancer therapy."
Spring term, 1998	Sequence planner and lecturer, Human Reproduction Sequence, Component 2 curriculum.
April 25, 1998	Urology Resident Teaching Conference, "Viagra and beyond—all the things you wanted to know about impotence but were afraid to ask."
May 12, 1998	General Medicine Clinical Conference, "Erectile dysfunction treatment in the Viagra era."
May 1-June 7, 1998	Supervising Faculty, Greenhills High School Senior Project Program. Sponsored student--Ronald K. Siegel.
October 29, 1998	Speaker, "Reproduction Research in the Academic Health Center of the Future."
November 11, 1998	Speaker, Urology in Clinical Practice (Nursing School Symposium)"Erectile Dysfunction—Current Concepts and Practice" and "Male Infertility."
November 24, 1998	Faculty, Pathology Laboratory, Renal Sequence, Component 2, Medical School.

Winter term, 1999	Faculty Supervisor, ITTP, "Male GU and Prostate Exam."
Spring term, 1999	Sequence Planner and Lecturing Faculty, Human Reproduction Sequence, Component 2.
June 25, 1999	Urology Resident Teaching Conference, "Evaluation of Male Infertility."
November 11, 1999	Speaker, Urology in Clinical Practice (Nursing School Symposium) "Hormone Replacement Therapy in Males" and "Gender Dysphoria."
February 10, 2000	University Health Service Teaching Conference, "Erectile Dysfunction in Young Men."
February 15, 2000	Journal Club, Urology Residents, "Erectile Dysfunction."
April 5, 2000	Faculty instructor, Introduction to the patient--Component II curriculum "Genitorectal examination."
April 18-19, 2000	Course Planner and Lecturer, Component II Med School for Human Reproduction Sequence (Androgen Physiology, Organic Male Sexual Dysfunction, Sperm Function and Dysfunction).
May 19, 2000	"Visiting Professor at Home", Section of Urology.
November 11, 1999	Speaker, Urology in Clinical Practice (Nursing School Symposium) "Current Treatment of Erectile Dysfunction."
November 7, 2000	Lecturer, Women's Studies 253 "Men Health Issues."
April 20-23, 2001	Course Planner and Lecturer, Component II Med School for Human Reproduction Sequence (Androgen Physiology, Organic Male Sexual Dysfunction, Sperm Function and Dysfunction).
Spring, 2002	Supervisor of M 4 Research rotations (Brian Eisner).
April 19-22, 2002	Course Planner and Lecturer, Component II Med School for Human Reproduction Sequence (Androgen Physiology, Organic Male Sexual Dysfunction, Sperm Function and Dysfunction).
April 30, 2002	Lecturer, "Lunch and Learning" Internal Medicine Residents.

May 6, 2002	Faculty instructor, Introduction to the patient--Component II curriculum "Genitorectal examination."
July 2001-June 2002	Supervisor (along with Gary Smith Ph.D.) of resident research year—Dr. Timothy Schuster.
July 2002-June 2003	Supervisor (along with Gary Smith, Ph.D.) of Urology resident research year—Drs. Ronald Suh and Herkanwal Khaira.
September 21, 2002	Course Faculty, "Endocrinology and Diabetes Update"
October 2002	Faculty Supervisor, M-1 Introduction to the Patient
March 6, 2003	Lecture "Optimizing Erectile Dysfunction Treatment in Spinal Cord Injured Men" Physical Medicine and Rehabilitation Department
April 18, 2003	Course Planner and Lecturer, Component II Med School for Human Reproduction Sequence (Androgen Physiology, Organic Male Sexual Dysfunction, Sperm Function and Dysfunction).
June 17, 2003	Moderator, Urology Journal Club
October 23, 2003	Lecture "Andropause and the Appropriate Use of Viagra" University Health Service Teaching Conference
November 13, 2003	Lecture "Treatment of Male Sexual Dysfunction, Especially Related to Problems of Aging, 15 <sup>th</sup> Annual Advances in Psychiatry Course: "Aging, Sexuality and Depressive Illness and Bipolar Disorder, Neurobiology, and Treatment"
February 3, 2004	Lecture "Update on PDE 5 Inhibitor Therapy" Primary Care Grand Rounds.
April 19, 2004	Lecturer, Component II Med School for Human Reproduction Sequence (Androgen Physiology, Organic Male Sexual Dysfunction, Sperm Function and Dysfunction).
June 15, 2004	Moderator, Urology Journal Club
November 20, 2004	Course Faculty, "Updates In Urologic Health"
April 19, 2005	Lecturer, Primary Care Internal Medicine Grand Rounds
November 18, 2006	Course Faculty, "Updates in Urologic Health"

EXTRAMURAL INVITED PRESENTATIONS

1. "The Treatment of Stress Urinary Incontinence," Urology Department, Mayo Clinic, Rochester, Minnesota, December 4, 1986.
2. "State of the Art Treatment of Male Sexual Dysfunction," Michigan Society of Radiologic Technologists, Ann Arbor, Michigan, November 24, 1987.
3. "Electroejaculation For the Procurement of Semen From Spinal Cord Males," and "Designing an Electroejaculation Program," Workshop on the Fertility and Sexuality of Spinal Cord Patients, Lyndhurst Hospital, Toronto, Ontario, Canada, October 31, 1988.
4. "Electroejaculation of the Paraplegic Male," Spinal Cord Expo, Mary Free Bed Hospital and Rehabilitation Center, Grand Rapids, Michigan, May 16, 1989.
5. "Ejaculatory Dysfunction: Diagnosis and Treatment," American Fertility Society, San Francisco, California, November 12, 1989.
6. "Evaluation and Treatment of Male Infertility," Medical Staff Grand Rounds, St. Joseph Mercy Hospital, Pontiac, Michigan, April 17, 1991.
7. "Male Infertility," Health Night Out, Ann Arbor, Michigan, May 21, 1991.
8. "Just Do It!" Waverly High School Commencement Address, Lansing, MI, June 7, 1992.
9. "Impotence and Infertility of Spinal Cord Injured Males," Challenge in Spinal Cord Rehabilitation and Beyond '92, Good Samaritan Hospital, Cincinnati, Ohio, July 25, 1992.
10. "Fertility and Sexuality of Spinal Cord Injured Men," Conference on Sexual Health and Relationships, Ann Arbor, Michigan, October 31, 1992.
11. "Laparoscopic Treatment of Varicocele," Michigan Urological Society, Novi, Michigan, March 10, 1993.
12. "Electroejaculation in the Treatment of Anejaculatory Infertility," Academy of Surgery of Detroit, Detroit, MI, April 7, 1993.
13. "Team Approach and Assisted Reproductive Technologies," Seminar: Fertility in Spinal Cord Injury. American Spinal Injury Association, San Diego, California, May 10, 1993.
14. "Electroejaculation Update, 1993," International Electroejaculation Interest Group, San Antonio, Texas, May 14, 1993.
15. "Designing an Electroejaculation Program: Team Approach and Assisted Reproductive Technologies," American Paraplegia Society. Las Vegas, Nevada, September 8, 1993.

16. "Overview of Normal Ejaculation and Ejaculatory Dysfunctions," American Fertility Society, Montreal, Quebec, Canada, October 14, 1993.
17. "Current Results with Electroejaculation--University of Michigan Experience and the AFS Electroejaculation Registry," American Fertility Society, Montreal, Quebec, Canada, October 14, 1993.
18. "Designing an Effective Spinal Cord Fertility Program," Symposium on Treatment of Ejaculatory Disorders, University of Copenhagen, Copenhagen, Denmark, January 22, 1994.
19. "The Use of Electroejaculation in the Treatment of Anejaculation," Symposium on Treatment of Ejaculatory Disorders, University of Copenhagen, Copenhagen, Denmark, January 22, 1994.
20. "Spinal Cord Fertility and the Neurogenic Bladder," Urodynamics Society, San Francisco, CA, May 14, 1994.
21. "Electroejaculation in the Spinal Cord Injured Male," Danish National Medical Society, Copenhagen, Denmark, August 25, 1994.
22. "Babies on Hold--Life After Death" in seminar: New Direction in Organ Procurement and Transplantation--The Second Annual Symposium Focusing on Organ/Tissue Donation and Recipient Care. Transplantation Society of Michigan, Ann Arbor, MI, July 21, 1995.
23. "Treatment of Leukocytospermia and Antisperm Antibodies." St. John Hospital--Male factor Infertility--Evaluation and Treatment. Detroit, MI September 13, 1995.
24. "Electroejaculation" St. John Hospital--Male Factor Infertility--Evaluation and Treatment. Detroit, MI September 13, 1995.
25. "Electroejaculation and Fertility" in seminar: Ethics and Economics of Spinal Cord Care Delivery: Wants and Wishes versus Needs. Mary Free Bed Hospital, Grand Rapids, MI, September 22, 1995.
26. "Electroejaculation" Round Table Luncheon. 51st Annual Meeting of the American Society for Reproductive Medicine. Seattle, WA, October 11, 1996.
27. "Male Factor Infertility" 1995 RESOLVE of Michigan symposium--Infertility: Challenges and Choices, Ypsilanti, MI, October 28, 1995.
28. "Recent Advances in Impotence and Male Infertility" OB-GYN Grand Rounds. Medical College of Ohio, Toledo, OH, November 16, 1995.
29. "Fertility Following Treatment of Testis Cancer," Michigan Urological Society, Novi, MI, January 10, 1996.
30. "Electroejaculation" Urology Grand Rounds, Wayne State University, Detroit, MI, February 16, 1996.
31. "Impotence Treatment--1996" Western Michigan Urological Society, Holland, MI, April 24, 1996.
32. "Current Advances in Male Infertility Treatment" RESOLVE, Ann Arbor, MI, June 14, 1996.



33. "Testosterone Therapy in Older Men." OHEP, Troy, MI, October 26, 1996.
34. "State of the Art Treatment of Erectile Dysfunction" Northwestern Ohio Urological Society, November 20, 1996.
35. "Fertility and Disability" On A Roll, WAAM Radio, Ann Arbor, MI, December 8, 1996.
36. "Technical Aspects of Post-Mortem Sperm Retrieval—Nuts and Volts," Annual Meeting of the Society for the Study of Male Reproduction, New Orleans, LA, April 12, 1997.
37. "Impotence Update, 1997" Mercy Hospital Grand Rounds, Benton Harbor, MI., April 24, 1997.
38. "Sexuality and Fertility Following Spinal Cord Injury" Model Spinal Cord Injury System Conference, University of Michigan East Ann Arbor Health Center, Ann Arbor, MI May 16, 1997.
39. "Sexuality and Fertility Following Spinal Cord Injury" Rehabilitation Institute of Michigan, Detroit, MI, June 6, 1997.
40. "Erectile Dysfunction Treatment—1997" Central Ohio Urological Society, Columbus OH, September 11, 1997.
41. "Current Therapies for the Treatment of Male Erectile Dysfunction" SE Michigan Urologists, Plymouth, MI, September 17, 1997.
42. "Erectile Dysfunction Treatment in the 90's" Cincinnati Urology Consortium, Cincinnati, OH, September 22, 1997.
43. "Recent Advances in the Treatment of Erectile Dysfunction" Metro Detroit Urologists, Southfield, MI, November 18, 1997.
44. "Advances in the Treatment of Male Erectile Dysfunction" SE Michigan Urologists, Dearborn, MI December 20, 1997.
45. "Erectile Dysfunction Treatment 1998" Ann Arbor area Urologists, Ann Arbor, MI, April 13, 1998.
46. "Erectile Dysfunction Treatment in the Primary Care Setting" Ann Arbor, MI April 14, 1998.
47. "Current Treatment of Erectile Dysfunction" Jackson area Physicians Group, Jackson, MI, May 13, 1998.
48. "Viagra—Fact or Fiction?" Lakeland Regional Medical Center Grand Rounds, St. Joseph, MI, May 28, 1998.
49. "Erectile Dysfunction Treatment 1998" Toledo area Family Practitioners, Toledo, OH, June 15, 1998.
50. "Erectile Dysfunction Treatment 1998" Family Practice Teaching Conference, Medical College of Ohio, June 15, 1998.

51. "Erectile Dysfunction Treatment 1998" Toledo area Primary Care Physicians, Toledo, OH, June 16, 1998.
52. "Current Treatment of Erectile Dysfunction", Huron Valley Health Care Facility, Ypsilanti, MI, June 30, 1998.
53. "Prostate Cancer and Sexual Function" Providence Hospital Prostate Cancer Support Group, Southfield, MI, June 30, 1998.
54. "Sexual Function Following Prostate Cancer Treatment" 1<sup>st</sup> International Prostate Cancer Symposium for Patient, Ann Arbor, MI, August 1, 1998.
55. "Hypogonadism and Testosterone Replacement Therapy" Lansing Area Physicians CME program, Lansing, MI, September 30, 1998.
56. "Erectile Dysfunction Treatment in 1998" Grand Rounds, Oakwood Hospital/Beyer Center, Ypsilanti, MI, November 5, 1998.
57. "Treatment of Sexual Dysfunction in Patients with Diabetes" Lutheran General Hospital, Ft. Wayne IN, November 14, 1998.
58. "Current Treatment of Erectile Dysfunction" Oakland General Hospital Family Practice Department, Troy, MI, December 8, 1998.
59. "Advances in Androgen Replacement Therapy" Bay City Area Pharmacist Association, Bay City, MI, December 9, 1998.
60. "Erectile Dysfunction—Strategies for Effective Communication and Patient Management for the Primary Care Physician" Impact Communications, Grand Rapids, MI, January, 20, 1999.
61. "Modern Treatment of Varicocele" Rigshospitalet Urology Rounds and Danish Urological Society, Copenhagen, Denmark, February 1, 1999.
62. "Advances in Surgical Treatment of Male Infertility" Rigshospitalet Urology Rounds and Danish Urological Society, Copenhagen, Denmark, February 1, 1999.
63. "Treatment of Erectile Dysfunction—A Urologist's View" Michigan Association of Pharmacists Annual Meeting, Dearborn, MI, February 21, 1999.
64. "Andropause—Facts and Myths" Andrology Tutorial IV, Department of Andrology, Brazilian Urological Society, March 13, 1999.
65. "New Methods of Treatment of Male Infertility" Andrology Tutorial IV, Department of Andrology, Brazilian Urological Society, March 13, 1999.
66. "Fertility After Spinal Cord Injury" Andrology Tutorial IV, Department of Andrology, Brazilian Urological Society, March 13, 1999.

67. "Erectile Dysfunction and Current Treatments" Providence Hospital Medical Staff Meeting, Southfield, MI, March 24, 1999.
68. "Current Treatment of Erectile Dysfunction" Novi Primary Care Physicians, Novi, MI April 15, 1999.
69. "Erectile Dysfunction in 1999" Toledo Primary Care Physicians, Toledo OH, April 21, 1999.
70. "Male Hypogonadism and Erectile Dysfunction" McLaren Hospital Grand Rounds, Flint, MI, April 23, 1999.
71. "Current Treatment of Erectile Dysfunction" Ann Arbor Physicians, Ann Arbor, MI, April 28, 1999.
72. "Advances in Testosterone Replacement Therapy" Lansing Area Physicians. Bath, MI, May 12, 1999.
73. "Erectile Dysfunction--Etiologies, Treatments and Communication Skills" Jackson Area Physicians, May 13, 1999.
74. "Erectile Dysfunction in Spinal Cord Injured Men" Annual Meeting of the International Medical Society of Paraplegia, June 19, 1999.
74. "Designing an Effective Spinal Cord Fertility Programme" Annual Meeting of the International Medical Society of Paraplegia, June 19, 1999.
75. "Sexual Function Following Prostate Cancer Treatment" 2<sup>nd</sup> International Prostate Cancer Symposium for Patient, Ann Arbor, MI, July 18, 1999.
76. "Detrusor Instability and Overactive Bladder" Milwaukee Urological Society, Milwaukee, WI, September 2, 1999.
77. "Erectile Dysfunction" Port Clinton Medical Society, Port Clinton, OH, September 15, 1999.
78. "Sexual Dysfunction" Providence Hospital Medical Grand Rounds, Southfield, MI, October 28, 1999.
79. "Reasonable Options for Erectile Dysfunction Following Treatment of Prostate Cancer" University of Michigan Prostate Cancer Patient Support Group, Ann Arbor, MI, November 4, 1999.
80. "Ejaculatory Duct Obstruction" Danish Urological Society, Nyborg, Denmark, November 13, 1999.
81. "Modern Treatment of Varicocele" Danish Urological Society, Nyborg, Denmark, November 13, 1999.
82. "Sperm Retrieval Techniques for ICST" Danish Urological Society, Nyborg, Denmark, November 13, 1999.
83. "Design of an Effective SCI Fertility Programme" Danish Urological Society, Nyborg, Denmark, November 13, 1999.
84. "Testosterone Replacement Therapy in Males" Miami Valley Hospital Medical Grand Rounds, Dayton, OH, December 1, 1999.

85. "Erectile Dysfunction in the Primary Care Setting" Toledo Area Physicians Group, Toledo, OH, February 29, 2000.
86. "Medical Management of Erectile Dysfunction" Great Lakes Urology Conference, Troy, MI, March 18, 2000.
87. "Erectile Dysfunction" Detroit Area Physicians, Detroit, MI, March 29, 2000.
88. "Erectile Dysfunction in the Primary Care Setting" Toledo Area Physicians Group, Toledo, OH, April 10, 2000.
89. "Erectile Dysfunction" Lenawee County Medical Society Quarterly Meeting, Adrian MI, April 25, 2000.
90. "Erectile Dysfunction" Wyandotte Hospital Grand Rounds, Wyandotte, MI, April 26, 2000.
91. "Erectile Dysfunction" Macomb County Osteopathic Association, March 29, 2000.
92. "Current State of Art in Male Infertility" Paulista Symposium on Infertility, May 13, 2000, São Paulo, Brasil.
93. "Use of Immature Germinal Cells For ICSI—FICTION!" Paulista Symposium on Infertility, May 13, 2000, São Paulo, Brasil.
94. "Fertility in the Spinal Cord Injured" University of Kansas Medical Center, Kansas City, KS, May 25 2000.
95. "The Problem of Infertility Following Spinal Cord Injury" 27<sup>th</sup> Annual University of Michigan OT/PT Conference, Ann Arbor, MI, September 20, 2000.
96. "Spinal Cord Injury and Fertility" SCI Symposium 2000—Practical Issues, Realistic Answers, Mary Free Bed Hospital, Grand Rapids, MI, September 22, 2000.
97. "Fertility Concerns in the SCI Patient" Society for Male Reproduction and Urology/American Society for Reproductive Medicine. SMRU Traveling Fellowship Program, San Diego, CA, September 22, 2000.
98. "Diabetes and Erectile Dysfunction" National Diabetes Association Patient Symposium, Toledo, OH, November 4, 2000.
99. "Current Treatment of Erectile Dysfunction" Urological Nursing Conference, Livonia, MI, November 8, 2000.
100. "Diagnosis and Treatment of Erectile Dysfunction" Michigan Diabetic Association Patient Conference, Battle Creek, MI, March 3, 2001.
101. "Modern Treatment of Erectile Dysfunction" Primary Care Physicians Group, Freemont, OH, April 5, 2001.

102. "Treatment Options for Erectile Dysfunction" Toledo Area Physicians Group, Toledo, OH, June 12, 2001.
103. "Erectile Dysfunction Treatment in 2001" Mt. Carmel Hospital, Columbus, OH, August 9, 2001.
104. "Treatment of Testosterone Deficiency" Mt. Carmel Hospital, Columbus, OH, August 9, 2001.
105. "Diagnosis and Treatment of Erectile Dysfunction" Columbus Area Physicians Group, Columbus, OH, August 9, 2001.
106. "Erectile Dysfunction--Why Ask the Question?" Ann Arbor Area Family Physicians Group, Ann Arbor, MI, August 13, 2001.
107. "Testosterone Replacement Therapy" Internal Medicine Physicians, Ann Arbor, MI August 17, 2001.
108. "Current Management of Erectile Dysfunction" Flint Area Physicians Group, Flint, MI, September 17, 2001.
109. "Erectile Dysfunction" Southfield Internal Medicine Physicians, Southfield, MI, September 25, 2001.
110. "Male Sexual Dysfunction" Physicians Association of Northern Ohio, Port Clinton, OH, September 28, 2001.
111. "Male Hormone Replacement Therapy" Annual Meeting of the Michigan Academy of Physician Assistants, Mt. Pleasant, MI, October 6, 2001.
112. "Modern Trends in Testosterone Replacement Therapy" Monroe County Medical Society, Monroe, MI, November 14, 2001.
113. "Current Treatment of Erectile Dysfunction" Saginaw area Physicians, Saginaw, MI, November 15, 2001
114. "Erectile Dysfunction and its Relationship to Systemic Disease" Saginaw VA Hospital and area Physicians. Flushing, MI, February 11, 2002.
115. "Erectile Dysfunction in the Primary Care Setting" Ann Arbor VA Hospital Nurse Practitioners and Physician Assistants, Ann Arbor, MI, March 7, 2002.
116. "Medical Treatment of Male Factor Infertility" 4<sup>TH</sup> Annual Great Lakes Urology Seminar, Detroit, MI, March 9, 2002.
117. "Erectile Dysfunction 2002" Kalamazoo Area Physicians Group. Kalamazoo, MI, March 28, 2002.
118. "State of the Art Treatment of Male Sexual Dysfunction" Western Michigan Physicians. Plainwell, MI, April 25, 2002.

119. "Ejaculation Induction and Assisted Reproductive Technology in Spinal Cord Injured Males" Joint Meeting of the International Medical Society of Paraplegia and the American Spinal Injury Association. Vancouver, BC, Canada, May 4, 2002.
120. "State of the Art in Male Infertility" Michigan Osteopathic Urologists, Bloomfield Hills, MI, July 10, 2002
121. "Medical Management of Erectile Dysfunction—Drugs and Testosterone" Providence Hospital Internal Medicine Grand Rounds, Southfield, MI, August 22, 2002.
122. "Modern Treatment of Sexual Dysfunction" Urological Nursing Conference, Ann Arbor, MI, September 13, 2002.
123. "Erectile Dysfunction—A Subset of Endothelial Dysfunction?" Genesys Hospital Cardiovascular Disease CME Program, Flint, MI September 14, 2002.
124. "Male Reproductive Health is Declining! Or is it?" In Course, "Male Reproductive Genetics and Toxicology—Nature and Nurture" 35<sup>th</sup> Postgraduate Program of the American Society for Reproductive Medicine, Seattle, WA, October 13, 2002
125. "Androgens—The Good, The Bad, and The Ugly" In Course, "Male Reproductive Genetics and Toxicology—Nature and Nurture" 35<sup>th</sup> Postgraduate Program of the American Society for Reproductive Medicine, Seattle, WA, October 13, 2002
126. "Effects of Cancer and Cancer Treatment on Male Fertility" In Course, "Male Reproductive Genetics and Toxicology—Nature and Nurture" 35<sup>th</sup> Postgraduate Program of the American Society for Reproductive Medicine, Seattle, WA, October 13, 2002
127. "Lifestyle Issues and Male Fertility" In Course, "Male Reproductive Genetics and Toxicology—Nature and Nurture" 35<sup>th</sup> Postgraduate Program of the American Society for Reproductive Medicine, Seattle, WA, October 13, 2002
128. "Erectile Dysfunction in the Cardiovascular Patient" MCO Internal Medicine Grand Rounds, January 16, 2003.
129. "Current Treatment of Erectile Dysfunction" Ann Arbor Area Physicians, Ann Arbor, MI, March 19, 2003.
130. "Methods of Sperm Retrieval in Men With Spinal Cord Injury" In course, "Fertility in Men with Spinal Cord Injury" 29<sup>th</sup> Annual Meeting of the American Spinal Injury Association, Miami, FL, April 4, 2003.
131. "Erectile Dysfunction—Whats' New in 2003?" Annual Meeting of the Michigan Academy of Family Physicians. Mackinac Island, MI, July 28, 2003.
132. "Update on Infertility, 2003" 77<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Vancouver, BC, Canada, September 17, 2003.
133. "Update on Erectile Dysfunction" Stevensville Area Physicians, Stevensville, MI, October 7, 2003.

134. "Modern Treatment of Erectile Dysfunction" Urology Grand Rounds, Henry Ford Hospital, Detroit, MI, October 8, 2003.
135. "What's New in Erectile Dysfunction?" Detroit Area Primary Care Physicians, Detroit, MI, October 9, 2003.
136. "Epidemiology of Immunological Infertility" In Course, "Immunology of Infertility—From Laboratory to Clinic" 36<sup>th</sup> Postgraduate Program of the American Society for Reproductive Medicine, San Antonio, TX, October 12, 2002
137. "Laboratory Testing for Antisperm Antibodies" In Course, "Immunology of Infertility—From Laboratory to Clinic" 36<sup>th</sup> Postgraduate Program of the American Society for Reproductive Medicine, San Antonio, TX, October 12, 2002
138. "Treatment of Male Antisperm Antibodies" In Course, "Immunology of Infertility—From Laboratory to Clinic" 36<sup>th</sup> Postgraduate Program of the American Society for Reproductive Medicine, San Antonio, TX, October 12, 2002
139. "Treating Ejaculatory Dysfunction" Roundtable Lecture, Annual Meeting of the American Society of Reproductive Medicine, San Antonio, TX, October 13, 2003.
140. "Update on PDE5 Inhibitor Therapy for Erectile Dysfunction" Midland Area Physicians, Midland, MI, October 27, 2003.
141. "Safety and Efficacy of PDE5 Inhibitors" Ann Arbor Area Physicians Assistants, Ann Arbor, MI, November 5, 2003.
142. "Safety and Efficacy of Viagra." National Teleconference, from Ann Arbor, MI, November 7, 2003.
143. "Old and New—PDE5 Inhibitors for Erectile Dysfunction" Ann Arbor Area Physicians, Ann Arbor, MI, November 11, 2003.
144. "Management of Erectile Dysfunction" Ann Arbor Area Physicians, Ann Arbor, MI, December 3, 2003.
145. "Evaluation and Treatment of Male Sexual Dysfunction" Ann Arbor Area Internal Medicine Residents, Ann Arbor, MI December 4, 2003.
146. "Treatment of Erectile Dysfunction and Cardiac Safety" Toledo Area Internal Medicine Physicians, Toledo, OH, December 9, 2003.
147. "Erectile Dysfunction Update" National Teleconference, from Ann Arbor, MI, December 12, 2003.
148. "Male Sexual Dysfunction" Lima Area Physicians, Lima, OH, December 15, 2003.
149. "Advances in the Treatment of Male Sexual Dysfunction" Troy Area Physicians, Troy, MI, December 17, 2003.

150. "Update on PDE5 Inhibitor Therapy" Ann Arbor Area Physicians, Ann Arbor, MI January 22, 2004.
151. "Male Sexual Dysfunction—Treatment and Safety Issues" Jackson Area Physicians, Jackson, MI February 10, 2004.
152. "What's New in Male Erectile Dysfunction?" Milford Area Physicians, Milford, MI, February 12, 2004.
153. "New Developments in the Treatment of Male Sexual Dysfunction—The Changing Landscape" Ann Arbor Area Physicians, Ann Arbor, MI, February 18, 2004.
154. "Erectile Dysfunction Treatment 2004" Midland Area Family Physicians, Midland, MI, March 1, 2004.
155. "Erectile Dysfunction Treatment and Cardiac Safety" Ann Arbor Area Physicians, Ann Arbor, MI, March 2, 2004.
156. "Erectile Dysfunction—What Do Nurse Practitioners Need To Know? VA Hospital Nurse Practitioners Group, Ann Arbor, MI, March 9, 2004.
157. "Changing Landscape in the Treatment of Male Sexual Dysfunction" Ann Arbor Area Physicians, Ann Arbor, MI, March 10, 2004.
158. "Sexual Dysfunction—Evaluation and Treatment" Ann Arbor Area Physicians, Ann Arbor, MI March 11, 2004.
159. "Vasovasostomy and Vasoepididymostomy" in course, "Andrology and Male Sexual Dysfunction" Herlev Hospital, University of Copenhagen, Copenhagen, Denmark, March 18, 2004.
160. "Ejaculatory Duct Obstruction" in course, "Andrology and Male Sexual Dysfunction" Herlev Hospital, University of Copenhagen, Copenhagen, Denmark, March 18, 2004.
161. "Penile Prosthesis in the Treatment of Male Sexual Dysfunction" in course, "Andrology and Male Sexual Dysfunction" Herlev Hospital, University of Copenhagen, Copenhagen, Denmark, March 18, 2004.
162. "Future Treatments for Erectile Dysfunction and The Future of Treatments for Erectile Dysfunction" in course, "Andrology and Male Sexual Dysfunction" Herlev Hospital, University of Copenhagen, Copenhagen, Denmark, March 18, 2004.
163. "Male Infertility 2004" Annual Meeting of the Danish Urological Society, Copenhagen, Denmark, March 19, 2004.
164. "Erectile Dysfunction Update" Saginaw Area Physicians, Saginaw, MI, March 23, 2004.
165. "Medical Treatments for Erectile Dysfunction" Kalamazoo Area Physician, Kalamazoo, MI, March 25, 2004.
166. "Erectile Dysfunction Treatment in Year 2004" Midland Area Physicians, Midland, MI March 29, 2004.



167. "Male Sexual Dysfunction Treatment" Jackson Area Physicians, Jackson, MI, March 31, 2004.
168. "Advances in the Treatment of Male Infertility" 80<sup>th</sup> Annual Meeting of the Minnesota Urological Society, Minneapolis, MN, April 17<sup>th</sup>, 2004.
169. "New Advances in the Treatment of Erectile Dysfunction" Jackson Area Urologists, Ann Arbor, MI, May 18, 2004.
170. "Erectile Dysfunction, Priapism, and Peyronie's Disease" American Urological Association 2004 Annual Urology Review Course, Dallas TX, June 18, 2004.
171. "Erectile Dysfunction 2004" Marshall Area Family Practice Physicians, Marshall, MI, June 22, 2004.
172. "New Information Regarding the Efficacy of PDE5 Inhibitors in the Treatment of Erectile Dysfunction" Grand Rapids Area Physicians, Grand Rapids, MI, June 23, 2004.
173. "Update on PDE5 Inhibitors" Ann Arbor Area Urologists. June 28, 2004.
174. "Erectile Dysfunction—Case-Based Discussion" Ann Arbor Area Physicians. August 5, 2004.
175. "Men's Health—Infertility, Hormone Deficiency and Sexual Dysfunction" Western Michigan Osteopathic Association Course, Traverse City, MI, September 11, 2004.
176. "Male Sexual Dysfunction and Testosterone Deficiency" American College of Physicians, Michigan Chapter Annual Meeting, Traverse City, MI, October 2, 2004.
177. "Treatment of Erectile Dysfunction" Ann Arbor Area Physicians, October 14, 2004.
178. "Contemporary Treatment of Testosterone Deficiency" Ann Arbor Area Physicians, November 8, 2004.
179. "Update in Treatment of Male Sexual Dysfunction" Updates in Urology. University of Michigan Course, Dearborn, MI, November 20, 2004.
180. "Erectile Dysfunction—What the Primary Care Doctor Needs to Know" Jackson Area Physicians, Jackson, MI, November 23, 2004.
181. "Erectile Dysfunction Update" Ann Arbor Area Physicians, Ann Arbor, MI, December 9, 2004.
182. "Levitra in the Treatment of Erectile Dysfunction" Schering Plough Levitra Sales Force Training, New Orleans, LA, January 19, 2005.
183. "Infertility and Sexual Dysfunction in Spinal Cord Injured Men" Tulane University Department of Urology, New Orleans, LA, January 19, 2005.
184. "Erectile Dysfunction and Hormone Replacement Therapy" St. John Hospital Grand Rounds, Detroit, MI, January 25, 2005.

185. "Erectile Dysfunction—Etiologies and Treatments" Battle Creek Health Systems Grand Rounds, Battle Creek, MI, February 11, 2005
186. "Update in Andrology" Orlando Private Urologists, Orlando, FL, March 1, 2005.
187. "Hormone Replacement Therapy in Men—State of the Science" 7<sup>th</sup> Annual Great Lakes Urology Seminar, Troy, MI, March 12, 2005.
188. "Current Concepts in Erectile Dysfunction Management" Ann Arbor VA Physician Assistants, Ann Arbor, MI, March 17, 2005.
189. "Erectile Dysfunction 2005" Hurley Medical Center Internal Medicine Residents, Flint, MI, April 14, 2005.
190. "Androgen Therapy in Hypogonadal Men" University of Michigan Primary Care Internal Medicine Teaching Conference, Ann Arbor, MI, April 19, 2005.
191. "Update in Erectile Dysfunction Treatment" Bay Area Urology, Traverse City, MI, April 27, 2005.
192. "Erectile Dysfunction—Diagnosis and Management" Traverse City Primary Care Physicians, Traverse City, MI, April 27, 2005.
193. "History of PDE 5 Inhibitors and Their Role in the Treatment of Erectile Dysfunction" Northern Michigan Primary Care and Urologic Physicians, Traverse City, MI, April 27, 2005.
194. "Erectile Dysfunction—Diagnosis and Management" Harbor Springs Primary Care Physicians, Harbor Springs, MI, April 28, 2006.
195. "Update on Erectile Dysfunction" Ann Arbor Area Primary Physicians, Ann Arbor, MI, May 5, 2005.
196. "Current Status of the Treatment of Erectile Dysfunction in 2005" Primary Care CME conference, Oakwood Hospital, Dearborn, MI, May 16, 2005.
197. "Erectile Dysfunction, Priapism, and Peyronie's Disease" American Urological Association 2005 Annual Urology Review Course, Dallas TX, June 12, 2005
198. "PDE 5 Inhibitors in the Treatment of Erectile Dysfunction" Dearborn, MI, July 19, 2005.
199. "Recent Data on PDE5 Inhibitors" Mid-Michigan Health Centers, Jackson, MI, July 25, 2005.
200. "Erectile Dysfunction Therapy 2005" St. Joseph Hospital Medical Residents, Ann Arbor, MI, August 18, 2005.
201. "Erectile Dysfunction 2005" Toledo Area Residents, Toledo, OH, August 25, 2005.
202. "Erectile Dysfunction Update" Mid-Michigan Primary Care, Midland, MI, August 29, 2005.

203. "Current Status of Male Sexual Dysfunction Treatment" Saginaw Area Primary Care Physicians, Saginaw, MI, August 25, 2005.
204. "Management of Erectile Dysfunction" Detroit Suburbs Primary Care Physicians, Farmington Hills, MI, September 13, 2005.
205. "Current Concepts in Male Hypogonadism" Ann Arbor Urologists and Primary Care Physicians, Ann Arbor, MI, September 29, 2005.
206. "Androgen Replacement Therapy for Hypogonadism" Farmington Hill Primary Care Physicians, Farmington Hills, MI, October 11, 2005.
207. "Evolution of Ejaculatory Dysfunction Treatment—A Shocking Story" Conjoined Meeting of the American Society for Reproductive Medicine and the Canadian Fertility and Andrology Society, Montreal, Ontario, Canada, October 18, 2005.
208. "Male Hypogonadism and Androgen Replacement Therapy" 31st Annual Endocrinology & Metabolism Update, Michigan State University, October 21, 2005.
209. "Erectile Dysfunction" CME conference, Indianapolis, IN, November 1, 2005.
210. "Male Hypogonadism and Androgen Replacement Therapy" Dearborn Area Physicians, Dearborn, MI, November 2, 2005.
211. "Assessment and Treatment of Erectile Dysfunction" CME conference, Milwaukee, WI, November 10, 2005.
212. "Erectile Dysfunction Treatment Update" Novi Area Physicians and Pharmacists, Novi, MI, November 15, 2005.
213. "Assessment and Treatment of Erectile Dysfunction" CME conference, Baltimore, MD, November 22, 2005.
214. "Etiology and Management of Erectile Dysfunction" Plymouth/Ann Arbor Physicians, Plymouth, MI, November 30, 2005.
215. "Diagnosis and Management of Erectile Dysfunction" Bi-County Hospital Urology Grand Rounds, Warren, MI, December 15, 2005.
216. "Erectile Dysfunction 2005—and Beyond" Ann Arbor Area Physicians, Ann Arbor, MI, December 15, 2005.
217. "Male Hypogonadism" Delphos Family Physicians, Delphos, OH, December 28, 2005.
218. "Erectile Dysfunction—Diagnosis and Management" Ann Arbor Area Physicians, Ann Arbor, MI, January 19, 2006.
219. "Erectile Dysfunction Update" Milford Area Physicians and Pharmacists, Milford, MI, February 2, 2006.

220. "New Concepts in the Management of Erectile Dysfunction" Winter Urologic Forum, Steamboat Springs, CO, February 5, 2006.
221. "Varicocele—Diagnosis and Treatment" Winter Urologic Forum, Steamboat Springs, CO, February 5, 2006.
222. "Urologic Horrors—Penile Implants" Winter Urologic Forum, Steamboat Springs, CO, February 7, 2006.
223. "Update on the Treatment of Erectile Dysfunction" Michigan State University Urologists, East Lansing, MI, February 21, 2006.
224. "Erectile Dysfunction—Diagnosis and Management" Dearborn Physicians, Dearborn, MI, February 22, 2006.
225. "Hypogonadism—Prevalence and Treatment Options" Clinton/Tecumseh/Adrian Physicians, Tecumseh, MI, February 27, 2006.
226. "Solutions to Erectile Dysfunction in the Cardiac Patient" Ann Arbor Area Physicians, Ann Arbor, MI, February 28, 2006.
227. "Update in the Treatment of Erectile Dysfunction" Urology Department, Northern Michigan Hospital, Petosky, MI, March 27, 2006.
228. "History of PDE5 Inhibitors and Their Use in the Treatment of Erectile Dysfunction" Petosky Area Primary Care Physicians, Petosky, MI, March 27, 2006.
229. "Erectile Dysfunction Update" Traverse City Physicians, Traverse City, MI, March 28, 2006.
230. "Diagnosis and Treatment of Erectile Dysfunction" Plymouth Area Physicians, Plymouth, MI, April 18, 2006.
231. "Sexual Function After Prostate Cancer Treatment" University of Michigan Hospital and St Joseph Hospital Prostate Cancer Support Groups, Ypsilanti, MI, April 20, 2006.
232. "Erectile Dysfunction Options" Walled Lake Medical Group, Walled Lake, MI, April 24, 2006.
233. "Current Options for Erectile Dysfunction Treatment" Primary Care Physicians, Grand Rapids, MI, April 27, 2006.
234. "Erectile Dysfunction and the Role of Androgens—Roundtable Discussion" Primary Care Physicians, Mt. Pleasant, MI, May 4, 2006.
235. "Erectile Dysfunction—Diagnosis and Management" Mt. Pleasant Primary Care Physicians, Mt. Pleasant, MI, May 4, 2006.

236. "Advances in the Treatment of Erectile Dysfunction" Mt. Pleasant Primary Care Nurse Practitioners, Mt. Pleasant, MI, May 4, 2006.
237. "Erectile Dysfunction Treatment in Year 2006" Lakeland Memorial Hospital Grand Rounds, St. Joseph, MI, May 18, 2006.
238. "Sexual Dysfunction in Men and Women" Jackson Women's Club, Jackson, MI, May 18, 2006.
239. "Erectile Dysfunction Treatment in the Co-Morbid Patient" American Urological Association Attendees, Atlanta, GA, May 21, 2006.
240. "PDE 5 Inhibitors in the Treatment of Male Erectile Disorders" Milwaukee Urology Associates, Mequon, WI, June 8, 2006.
241. "Current Treatment of Erectile Dysfunction" Milwaukee Area Primary Care Physicians, Milwaukee, WI, June 8, 2006.
242. "Erectile Dysfunction and the Role of Androgens in ED Treatment." Solvay Pharmaceuticals National Sales Force Training, Baltimore, MD, July 17, 2006.
243. "Erectile Dysfunction—Etiologies and Treatments" Farmington Area Physicians, Farmington Hills, MI, July 20, 2006.
244. "Erectile Dysfunction, Priapism, and Peyronie's Disease" American Urological Association 2006 Annual Urology Review Course, Dallas TX, July 23, 2006.
245. "Erectile Dysfunction—Efficacy and Safety of Current Treatments" Lansing Area Primary Care Physicians, Lansing, MI, August 23, 2006.
246. "Evaluation and Treatment of Male Erectile Dysfunction" Teleconference, September 23, 2006.
39. "Current Treatment of Erectile Dysfunction" Lansing Area Urologists, Lansing, MI, September 27, 2006.
247. "Modern Treatment of Male Sexual Dysfunction" Lansing Primary Care Physicians and Physician Assistants, Okemos, MI, October 11, 2006.
248. "A Patient with Hypogonadism and Multiple Co-Morbidities" Panel Discussion, Sexual Medicine Society of North America, Las Vegas, NV, November 4, 2006.
249. "Update on Erectile Dysfunction" Michigan State University Family Practice Department, East Lansing, MI, November 14, 2006.
250. "Update in Male Sexual Dysfunction" Updates in Urologic Health, University of Michigan Department of Continuing Medical Education, Dearborn, MI, November 18, 2006.
251. "Male Infertility—Physiology, Pathophysiology, and Treatment" Michigan State University Residency Program, Farmington Hills, MI, November 20, 2006.

PAPERS PRESENTED AT SCIENTIFIC MEETINGS

1. "Metastatic tumors to the penis." Annual Resident Essay Competition, Michigan Urological Society, Detroit, Michigan, May 1, 1986.
2. "Penile revascularization by inferior epigastric to central corporal artery anastomosis." Reed M. Nesbit Urological Society, Ann Arbor, Michigan, October 17, 1986.
3. "Complications of extravesical ureteroneocystostomy in renal transplantation." North Central Section of the American Urological Association, Palm Springs, California, November 15, 1986.
4. "Predictors of success in electroejaculation." American Urological Association, Boston, Massachusetts, June 3, 1988.
5. "The treatment of infertility of spinal cord injured males using electroejaculation." American Paraplegia Society Reno, Nevada, September 8, 1988.
6. "Results of insemination trials using sperm from spinal cord injured males obtained by electroejaculation." North Central Section of the American Urological Association, Orlando, Florida, November 15, 1988.
7. "Electroejaculation in retroperitoneal lymph node dissection patients." North Central Section of the American Urological Association, Chicago, Illinois. September 21, 1989.
8. "Electroejaculation and in vitro fertilization." American Urological Association, New Orleans, Louisiana, May 16, 1990.
9. "Electroejaculation: the University of Michigan experience." First World Congress on Electroejaculation, Pasadena, California, February 5, 1991.
10. "Prognostisch wichtige funktionsparameter von spermien nach elektro-ejakulation." Nordrhein-Westfälische Gesellschaft für Urologie e.V., Münster, Halle Münsterland FRG, April 18, 1991.
11. "Delayed motility characteristics of sperm samples for artificial insemination." American Urological Association, Toronto, Ontario, Canada, June 3, 1991.
12. "Functional characteristics of sperm obtained by electroejaculation." University of Michigan Surgery Research Conference, June 14, 1991.
13. "Fertility of SCI males." Reed M. Nesbit Society Meeting, Ann Arbor, Michigan, October 2, 1992.
14. "Elektroejakulation bei querschnittgelähmten Männern." DMGP Kongress, FRG, November 4, 1992.
15. "Blunt trocar laparoscopy." World Congress of Gynecologic Laparoscopy, San Francisco, CA, November 13, 1993.

16. "Electroejaculation at the University of Michigan." International Electroejaculation Interest Group. San Francisco, CA, May 13, 1994.
17. "Electroejaculation does not impair sperm motility in the beagle dog: a comparative study of electroejaculation and collection by artificial vagina," American Urological Association, San Francisco, CA, May 15, 1994.
18. "Antisperm antibodies and male infertility--is there any hope?" Michigan Urological Society, Novi, Michigan, October 5, 1994.
19. "Outcome of a program of electroejaculation and assisted reproductive technologies." North Central Section of the American Urological Association, Boca Raton, FL, November 1, 1994.
20. "Electroejaculation and assisted reproductive technologies." Reed M. Nesbit Urological Society, Ann Arbor, MI, November 11, 1994.
21. "Ureteral stent comfort in patients undergoing shock wave lithotripsy: correlation to stent composition or pliability." Annual Meeting of the American Urological Association, Las Vegas, NV, April 24, 1995.
22. "Vibratory stimulation in SCI males--Does a penile prosthesis impair results?" Annual Meeting of the American Urological Association, Las Vegas, NV, April 24, 1995.
23. "Electroejaculation and assisted reproductive technologies." Annual Meeting of the American Society of Reproductive Medicine, Seattle, WA, October 9, 1995.
24. "Fertility following testis cancer." Michigan Urological Society, Novi, Michigan, January 10, 1996.
25. "Electroejaculation vs. vibratory ejaculation in SCI men: sperm quality and patient preference." Annual Meeting of American Urological Association, Orlando, FL, May 5, 1996.
26. "Pregnancies resulting from electroejaculation." Moses Gunn Research Conference, Department of Surgery, University of Michigan, Ann Arbor, MI, May 23, 1996.
27. "Electroejaculation vs. penile vibratory ejaculation in SCI men--sperm quality and patient preference." Biennial meeting of the Reed M. Nesbit Urological Society, Ann Arbor, MI September 27, 1996.
28. "Seminal vesicle aspiration in SCI men--insight into issue of poor sperm quality." 92<sup>nd</sup> Annual Meeting of the American Urological Association, New Orleans, LA, April 16, 1997.
29. "Seminal vesicle aspiration in SCI men." 1997 Moses Gunn Research Conference, Ann Arbor, MI, May 22, 1997.
30. "Fertility in spinal cord injured males." American Society of Reproductive Medicine, Cincinnati, OH, October 21, 1997.
31. "Penile vibratory stimulation in SCI males: effect of repeated ejaculation on semen quality." 93<sup>rd</sup> Annual Meeting of the American Urological Association, San Diego, CA, June 2, 1998.

32. "Perfusion of vas deferens during vasectomy." 93<sup>rd</sup> Annual Meeting of the American Urological Association, San Diego, CA, June 2, 1998.
33. "Fertilization Antigen (FA-1) removes antisperm autoantibodies from sperm of infertile men resulting in increased rates of acrosome reaction." American Society for Reproductive Medicine, San Francisco, CA, October 6, 1998.
34. "Fertility following testis cancer therapy." American Society for Reproductive Medicine, San Francisco, CA, October 7, 1998.
35. "MUSE in the treatment of male erectile disorder." North Central Section of the American Urological Association, Amelia Island, FL, October 13, 1998.
36. "FA-1 immunoadsorption removes antisperm antibodies and improves sperm function." Moses Gunn Research Conference, Department of Surgery, University of Michigan, Ann Arbor, MI April 29, 1999.
37. "Canine model of SCI male fertility." 94<sup>th</sup> Annual Meeting of the American Urological Association, Dallas, TX, May 4, 1999.
38. "Physiological events during electroejaculation and vibrator ejaculation in SCI men." 94<sup>th</sup> Annual Meeting of the American Urological Association, Dallas, TX, May 5, 1999.
40. "Canine model of SCI male fertility." Annual Meeting of the International Medical Society of Paraplegia, Copenhagen, Denmark, June 19, 1999.
41. "Physiological events during electroejaculation and vibrator ejaculation in SCI men." Annual Meeting of the International Medical Society of Paraplegia, Copenhagen, Denmark, June 19, 1999.
42. "Sildenafil in the treatment of male erectile disorder." 73<sup>rd</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, September 23, 1999.
43. "Normal physiology of erection and role of testosterone." Annual Meeting of the Latin American Society of Impotence Research, Acapulco, Mexico, October 8, 1999.
44. "Panel discussion—medical management of erectile dysfunction." Annual Meeting of the Latin American Society of Impotence Research, Acapulco, Mexico, October 8, 1999.
45. "New stimulation pattern for electroejaculation based on physiological studies." 95<sup>th</sup> Annual Meeting of the American Urological Association, Atlanta, GA, May 3, 2000.
46. "Fertility after testis cancer." 56<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, San Diego, CA, October 23, 2000.
47. "Fertility concerns in the spinal cord injured patient." 56<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, San Diego, CA, October 23, 2000.



48. "A modified electroejaculation stimulation pattern results in an increased antegrade ejaculate fraction" 74<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Phoenix, AZ, October 30, 2000.
49. "A modified electroejaculation stimulation pattern results in an increased antegrade ejaculate fraction." Biennial Meeting of the International Society for Impotence Research, Perth, Western Australia, November 28, 2000.
50. "Sperm penetration assay identifies functional sperm abnormalities in anejaculatory men." 96<sup>th</sup> Annual meeting of the American Urological Association, Anaheim, CA, June 6, 2001.
51. "Electroejaculation vs. vibratory ejaculation." 57<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 22, 2001.
52. "The effect of varicocele repair on optimized sperm penetration assay." 57<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 22, 2001.
53. "Pre-ART strict sperm morphology and IVF and ICSI outcomes." 57<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 22, 2001.
54. "Monitoring for azoospermia following vasectomy: time course and patient compliance." 57<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 23, 2001.
55. "Marlex mesh causing inguinal vasal obstruction: a treatable, preventable cause of obstructive azoospermia." 57<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL, October 23, 2001.
56. "Round cell concentration does not affect pregnancy rates for infertile couples undergoing intrauterine insemination." 75<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, January 17, 2002.
57. "Pre-artificial reproductive technology strict sperm morphology assessment and IVF and ICSI outcomes." 75<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, January 17, 2002.
58. "Monitoring for azoospermia following vasectomy: time course and patient compliance." 75<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, January 17, 2002.
59. "The utility of "lockout-valve" reservoirs in preventing autoinflation in penile prosthesis." 75<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, January 17, 2002.
60. "Processed total motile sperm count in independently associated with fertility following intrauterine insemination." 75<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, January 19, 2002.

61. "Lithium inhibition of oocyte glycogen synthase kinase-3 and effects on oocyte maturation and chromatin segregation." 35<sup>th</sup> Annual Meeting of the Society for Study of Reproduction, Baltimore, MD, July 28, 2002.
62. "Protein phosphatase-1 phosphorylation by maturation promoting factor during oocyte germinal vesicle breakdown." 35<sup>th</sup> Annual Meeting of the Society for Study of Reproduction, Baltimore, MD, July 29, 2002.
63. "Male Infertility Research Program at the University of Michigan" 2002 Biennial Meeting of Reed M. Nesbit Urological Society, September 6, 2002, Ann Arbor, MI.
64. "Routine screening with sperm mixed agglutination reaction significantly increases antisperm antibody detection." 76<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, September 20, 2002.
65. "Ultra-rapid freezing of severe oligospermic samples using cryoloops." 2002 Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 14, 2002.
66. "Functional analysis of oligospermic samples following ultra-rapid freezing using cryoloops." 2002 Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 14, 2002.
67. "A novel microfluidic device for separating motile sperm from nonmotile sperm via inter-streamline crossing." 2002 Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 15, 2002.
68. "Routine screening with sperm mixed agglutination reaction significantly increases antisperm antibody detection." 2002 Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 15, 2002.
69. "Antisperm antibodies following vasovasostomy and vasoepididymostomy." 2002 Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 16, 2002.
70. "Functional analysis of sperm obtained from electroejaculation and penile vibratory stimulation—correlation to success with intrauterine insemination." 2002 Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 16, 2002.
71. "Current status of male infertility research at the University of Michigan" 2002 Meeting of the Clinical Society of Genitourinary Surgeons, Ann Arbor, MI October 19, 2002.
72. "Protein phosphatase-1 phosphorylation and inactivation by maturation promoting factor during oocyte germinal vesicle breakdown." 2002 Annual Anita Payne Lectureship and Poster Day, Ann Arbor, MI, November 18, 2002.
73. "Antisperm antibodies following vasovasostomy and vasoepididymostomy." 2002 Annual Anita Payne Lectureship and Poster Day, Ann Arbor, MI, November 18, 2002.
74. "Ultrarapid freezing of severe oligospermic samples using cryoloops." 2002 Annual Anita Payne Lectureship and Poster Day, Ann Arbor, MI, November 18, 2002.

75. "Routine screening with sperm mixed agglutination reaction significantly increases antisperm antibody detection." 2002 Annual Anita Payne Lectureship and Poster Day, Ann Arbor, MI, November 18, 2002.
76. "A novel microfluidic device for separating motile sperm from nonmotile sperm via inter-streamline crossing." 2002 Annual Anita Payne Lectureship and Poster Day, Ann Arbor, MI, November 18, 2002.
77. "Functional analysis of oligospermic samples following ultra-rapid freezing using cryoloops." 2002 Annual Anita Payne Lectureship and Poster Day, Ann Arbor, MI, November 18, 2002.
78. "Fertility counseling and gamete cryopreservation program: a joint venture by the Department of OB/GYN and the Comprehensive Cancer Center." 2002 Annual Anita Payne Lectureship and Poster Day, Ann Arbor, MI, November 18, 2002.
79. "Epididymal obstruction results in isolated sperm heads in post-vasectomy rats." 59<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, San Antonio, TX, October 13, 2003.
80. "In vitro fertilization within microfluidic channels requires lower total numbers and lower concentrations of spermatozoa." 59<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, San Antonio, TX, October 14, 2003.
81. "Influence of Prenatal Diethylstilbestrol (DES) and dietary phytoestrogens on sperm function and reproductive organ development in male mice." 59<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, San Antonio, TX, October 15, 2003.
82. "Incubation in different media yields different results in testicular sperm aspiration." 78<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Miami, FL, October 9, 2004.
83. "Epidemiology of surgically treated erectile dysfunction in the United States from 1988 to 2002." 79<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, Chicago, IL, September 9, 2005.
84. "Transcutaneous mechanical nerve stimulation (TMNS) using perineal vibration—a novel method for the treatment of female stress urinary incontinence." Reed M. Nesbit Urological Society, Ann Arbor, MI, November 12, 2005.
85. "Do lower urinary tract symptoms correlate to ejaculate volume?" Fall 2005 Meeting of the Sexual Medicine Society of North America, New York, NY, November 19, 2005.
86. "Is the amount of physical pleasure with ejaculation related to volume or strength and force of ejaculation?" Fall 2005 Meeting of the Sexual Medicine Society of North America, New York, NY, November 19, 2005.
87. "Evaluation of the prevalence and impact of premature ejaculation in a community practice using the men's sexual health questionnaire." Fall 2005 Meeting of the Sexual Medicine Society of North America, New York, NY, November 20, 2005.

88. "Treatment goals of men with premature ejaculation in a community practice setting. Fall 2005 Meeting of the Sexual Medicine Society of North America, New York, NY, November 20, 2005.
89. "Prevalence and impact of premature ejaculation and patient treatment goals in a community-based general medical practice." 8<sup>th</sup> Congress of the European Society for Sexual Medicine, Copenhagen, Denmark, December 5, 2005.
90. "Factors affecting male sexual satisfaction in a community-based general medical practice." 8<sup>th</sup> Congress of the European Society for Sexual Medicine, Copenhagen, Denmark, December 6, 2005.
91. "The effect of male partner premature ejaculation on female sexual satisfaction in a general medical practice." Annual Meeting of the International Society for the Study of Women's Sexual Health, Lisbon, Portugal, March 11, 2006.
92. "Transcutaneous mechanical nerve stimulation (TMNS) using perineal vibration--a novel method for the treatment of female stress urinary incontinence." 101<sup>st</sup> Annual meeting of the American Urological Association, Atlanta, GA, May 21, 2006.
93. "Anterior vaginal wall sensitivity vs. potassium testing in the diagnosis of interstitial cystitis." 101<sup>st</sup> Annual meeting of the American Urological Association, Atlanta, GA, May 22, 2006.
94. "Epidemiology of surgically treated erectile dysfunction in the United States from 1988 to 2002." 101<sup>st</sup> Annual meeting of the American Urological Association, Atlanta, GA, May 23, 2006.
95. "Premature ejaculation as reported by female partners: prevalence and sexual satisfaction survey results from a community practice." 101<sup>st</sup> Annual meeting of the American Urological Association, Atlanta, GA, May 23, 2006.
96. "Transcutaneous mechanical nerve stimulation (TMNS) using perineal vibration—a novel method for the treatment of female stress urinary incontinence." 31<sup>st</sup> Annual Meeting of the International Urogynecological Association, Athens, Greece, September 8, 2006.
97. "Update in Infertility" 80<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, San Diego, CA, September 14, 2006.
98. "Ideal culture time for improvement in sperm motility from testicular aspirates of azoospermic men." 80<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, San Diego, CA, September 18, 2006.
99. "Long-term followup after epididymectomy for postvasectomy pain" 80<sup>th</sup> Annual Meeting of the North Central Section of the American Urological Association, San Diego, CA, September 18, 2006.
100. "Ideal culture time for improvement in sperm motility from testicular aspirates of azoospermic men." 62<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, New Orleans, LA, October 25, 2006.

101. "Temporal decreases in sperm motility—which patients should have motility checked at both 1 hour and 2 hours after collection?" 62<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, New Orleans, LA, October 25, 2006.
102. "Quallich S, Schuster TG: Long-term followup after epididymectomy for postvasectomy pain." 62<sup>nd</sup> Annual Meeting of the American Society for Reproductive Medicine, New Orleans, LA, October 25, 2006.

### COMMITTEE AND ADMINISTRATIVE SERVICE

#### National/International

1992 to 1994	Electroejaculation Registry Subcommittee of the Male Reproduction/Urology Committee, American Fertility Society ( <b>Subcommittee Chair</b> )
1998-present	Resident Education Committee, American Society of Reproductive Medicine
1999-present	Student Affairs Committee, American Society of Andrology
1999-present	Membership Committee, American Society of Andrology
2000-present	Awards Committee, American Society of Andrology
2001-present	Program Committee, American Urological Association
2001-2003	Post-Graduate Course Director, American Society for Reproductive Medicine
2003-present	Development Committee, Clinical Industry Relations Subcommittee ( <b>Subcommittee Chair</b> )
April 7, 2003	Position Statement Committee: Marlex Mesh and vas deferens obstruction. American Society of Andrology

#### University of Michigan Health System/Hospital

1994-1997	Ambulatory Care Committee (University Hospital)
1995-2001	Laser Safety Committee (University Hospital)

1996-1997	Urinary Tract Guidelines Committee (CDS/Primary Care)
1996-2001	<b>Chairman</b> , Laser Safety Committee (University Hospital)
1997-1998	IPA/Managed Care Work Group (CDS)
2000-present	Executive Committee, Interdepartmental Acute Spinal Cord Injury Program (Hospital)

Medical School

1991-1992	Human Sexuality Task Force (Medical School)
1991-1992	Committee to Define Medical School Admission Criteria for Applicants with Disabilities (Medical School)
1992-present	Curriculum Development Committee: Component II-- Human Reproduction Sequence (Medical School)

Department/Section

1989-1997	Computer Advisory Committee (Department of Surgery)
1994-2000	Surgery Research Advisory Committee (Department of Surgery)
1996	Ambulatory Care Restructuring (Department of Surgery)
1996-1997	Pre-Op Critical Pathways Task Force (Section of Urology)
1996-1997	Scientific Meetings Task Force (Section of Urology)
1997-1998	Planning Committee (Department of Surgery)
2002-present	<b>Chairman</b> , Service Improvement Team (Department of Urology)

2001-present

Urology Research Advisory Committee

Veterans Hospital

1987-1989

Utilization Review Committee  
(Veteran's Administration Hospital)

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1. **Ohl DA**, Konnak JW, Campbell DA, Dafoe D, Merion RM, Turcotte JG: Extravesical ureteroneocystostomy in renal transplantation. *J Urol* 139:499-502, 1988.
2. **Ohl DA**, Grainger R, Bennett CJ, Randolph JF, Seager SWJ, McCabe MM: Successful use of electroejaculation in two multiple sclerosis patients including report of a pregnancy utilizing intrauterine insemination. *Neurourology and Urodynamics* 8:195-198, 1989.
3. Konnak JW, **Ohl DA**: Microsurgical penile revascularization using the central corporal artery. *J Urol* 142:305-308, 1989.
4. Stewart DE, **Ohl DA**: Idiopathic anejaculation treated by electroejaculation. *Int J Psych Med* 19:263-268, 1989.
5. **Ohl DA**, Bennett CJ, McCabe M, Menge AC, McGuire EJ: Predictors of success in electroejaculation of spinal cord injured males. *J Urol* 142:1483-1486, 1989.
6. Randolph JF, **Ohl DA**, Bennett CJ, Ayers JWT, Menge AC: Combined electroejaculation and in vitro fertilization in the evaluation and treatment of anejaculatory infertility. *J In Vitro Fert Embryo Transfer* 7:58-62, 1990.
7. Menge A, **Ohl DA**, Denil J, Korte MK, Keller L: Absence of antisperm antibodies in anejaculatory men. *J Andrology* 11:396-398, 1990.
8. Steinberger RE, **Ohl DA**, Bennett CJ, McCabe M, Wang SC: Nifedipine pretreatment for autonomic dysreflexia during electroejaculation. *Urology* 36:228-231, 1990.
9. Bennett C, Robinson M, **Ohl DA**: Electroejaculation: new therapy for neurogenic infertility. *Contemporary Urology* 2:25-28, 1990.
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12. **Ohl DA**, Denil J, Bennett CJ, Randolph JF, Menge AC, McCabe M: Electroejaculation following retroperitoneal lymphadenectomy. *J Urol* 145:980-983, 1991.
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14. Wiatrak M, **Ohl DA**, Sonda LP: Stryker frame gantry modification for extracorporeal shock wave lithotripsy to circumvent positioning problems. *J Urol* 146:283-286, 1991.



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19. Denil J, **Ohl DA**, Hurd WW, Menge AC, Hiner MR: Motility longevity of sperm samples processed for intrauterine insemination. *Fertil Steril* 58:436-438, 1992.
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22. Denil J, **Ohl DA**, McGuire EJ, Jonas U: Treatment of anejaculation with electroejaculation. *Acta Urologica Belgica* 60:15-25, 1992
23. Hurd WW, Randolph JF, Ansbacher R, Menge AC, **Ohl DA**, Brown AN: Comparison of intracervical, intrauterine and intratubal techniques for donor insemination. *Fertil Steril*, 59:339-342, 1993.
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79. Suh RS, Zhu X, Phadke N, **Ohl DA**, Takayama S, Smith GD: IVF within microfluidic channels requires lower total numbers and lower concentrations of sperm. *Hum Reprod* 21:477-83, 2006.
80. **Ohl DA**, Quallich SA: Clinical hypogonadism and androgen replacement therapy: an overview. *Urologic Nursing* 26:253-9, 269, quiz 260, 2006.

#### Non-Peer Reviewed:

1. **Ohl DA**: Problems with an overzealous immune system: Infertility due to antisperm antibodies. *Resolve Newsletter*, Winter 1995.

#### Articles Submitted for Publication

1. Eisner BH, Schuster TG, Smith GD, **Ohl DA**: Monitoring for azoospermia following vasectomy: time course and patient compliance. *Fertil Steril*.
2. Morris DS, Dunn RL, Schuster TG, **Ohl DA**, Smith GS: Ideal culture time for improvement in sperm motility from testicular sperm aspirates of azoospermic men. *J Urol*.
3. Sønksen J, **Ohl DA**, Bonde B, Læssøe L, McGuire EJ: Transcutaneous mechanical nerve stimulation (TMNS) using perineal vibration—a novel method for the treatment of female stress urinary incontinence. *J Urol*.

#### Articles Accepted for Publication

#### Films/Videos

1. Sonda LP, **Ohl DA**: The use of lithotripsy. University of Michigan Biomedical Communications.

#### Books

1. Lechtenberg R, **Ohl DA**: Sexual Dysfunction: Neurologic, Urologic and Gynecologic Aspects. Lea and Febiger, Philadelphia, 1994.

#### Chapters in Books

1. Bennett CJ, **Ohl DA**: Electroejaculation following retroperitoneal lymph node dissection. In Lytton B, Catalona WJ, Lipshultz LI, McGuire EJ: Advances in Urology. Yearbook Medical Publishers, Chicago, pp 85-95, 1989.

2. **Ohl DA, Bennett CJ:** Sexual and fertility concerns of the spinal cord injured patient. In Parsons KF, Fitzpatrick JM (eds): Practical Urology in Spinal Cord Injury. Springer-Verlag, New York, pp 77-91, 1991.
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14. Cohan R, **Ohl DA**: Radiology of penile prosthesis. In Jafri SZH, Diokno AC, Amendola MA (eds.): Lower Genitourinary Radiology: Imaging and Intervention. Springer Verlag, New York, pp. 390-400, 1998.
15. **Ohl DA**, Goldstein I: Vasculogenic Impotence. In Ernst CE, Stanley JC(eds.): Current Therapy in Vascular Surgery. Springer Verlag, New York, pp. 413-418, 2000.
16. **Ohl DA**, Quallich SA: Erectile dysfunction as an indicator of cardiovascular disease. In Abela G (ed.): Peripheral Vascular Disease: Basic Diagnostic and Therapeutic Approaches. Lippincott, Williams and Wilkins, Philadelphia, pp , 2004..
17. **Ohl DA**, Quallich SA, Sønksen J: Management of ejaculatory disorders. In Chan PTK, Goldstein M, Rosenwaks Z (eds): Reproductive Medicine Secrets. Hanley and Belfus Inc, Philadelphia, pp , 2004.

#### Abstracts, Preliminary Communications, Panel Discussions

1. **Ohl DA**, Konnak JW: Complications of extravesical uretero-neocystostomy in renal transplantation. Annual Meeting of North Central Section of American Urological Association, 1986.
2. Konnak JW, **Ohl DA**: Penile revascularization using direct anastomosis between the inferior epigastric artery and the central artery of the corpus cavernosum. J Urol 137:311A, 1987.
3. **Ohl DA**, Bennett CJ, McCabe M: Predictors of success in electroejaculation. J Urol 139:172A, 1988.
4. Konnak JW, **Ohl DA**: Microsurgical penile revascularization using the central corporal penile artery. J Urol 139:329A, 1988.
5. **Ohl DA**: Re: sexual response and cancer (letter). CA-A Cancer Journal for Clinicians 38:190, 1988.
6. **Ohl DA**, Bennett CJ, Seager SW, McCabe M, McGuire EJ: The treatment of infertility of spinal cord injured males using electroejaculation. Proceedings of the 34th Annual Conference of The American Paraplegia Society.
7. **Ohl DA**, Bennett CJ, Randolph JF, McCabe M, Menge AC: Results of insemination trials using sperm from spinal cord injured males obtained by electroejaculation. Proceedings of the 62nd Annual Meeting of the North Central Section of the American Urological Association, p. 85.
8. **Ohl DA**, Bennett-Black CJ, Ayers JWT, Randolph JF, Menge AC, Moinipanah R, McCabe M: Electroejaculation combined with in vitro fertilization resulting in a pregnancy. Proceedings of the 64th Annual Meeting of the Western Section, American Urological Association, 1988.
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